

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084840.D
 Acq On : 13 Nov 2024 20:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2024
 Supervised By : Mahesh Dadoda 11/14/2024

Quant Time: Nov 14 00:43:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	159469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	116635	50.639	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.280%
35) Dibromofluoromethane	8.159	113	93412	50.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	10.565	98	351659	51.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.847	95	150402	58.959	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.920%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.118	85	89634	48.894	ug/l 96
3) Chloromethane	2.360	50	91968	42.369	ug/l 98
4) Vinyl Chloride	2.512	62	105890	53.704	ug/l 97
5) Bromomethane	2.901	94	57293	54.842	ug/l 95
6) Chloroethane	3.065	64	71072	58.467	ug/l # 88
7) Trichlorofluoromethane	3.465	101	169345	52.138	ug/l 98
8) Diethyl Ether	3.948	74	61998	54.111	ug/l 97
9) 1,1,2-Trichlorotrifluo...	4.354	101	95203	51.873	ug/l 97
10) Methyl Iodide	4.577	142	132545	54.037	ug/l 95
11) Tert butyl alcohol	5.536	59	85384	280.845	ug/l 99
12) 1,1-Dichloroethene	4.324	96	94081	51.806	ug/l 96
13) Acrolein	4.171	56	85154	280.883	ug/l 96
14) Allyl chloride	5.006	41	151793	51.540	ug/l 93
15) Acrylonitrile	5.712	53	241668	274.579	ug/l 99
16) Acetone	4.424	43	184504	277.628	ug/l 94
17) Carbon Disulfide	4.695	76	253008	45.240	ug/l 99
18) Methyl Acetate	5.012	43	122182	50.297	ug/l 99
19) Methyl tert-butyl Ether	5.795	73	321505	57.760	ug/l 96
20) Methylene Chloride	5.259	84	102579	50.637	ug/l 85
21) trans-1,2-Dichloroethene	5.777	96	96137	51.555	ug/l 98
22) Diisopropyl ether	6.671	45	314634	53.765	ug/l 96
23) Vinyl Acetate	6.600	43	1133540	280.885	ug/l 99
24) 1,1-Dichloroethane	6.559	63	187279	53.304	ug/l 99
25) 2-Butanone	7.483	43	306171	284.929	ug/l 98
26) 2,2-Dichloropropane	7.483	77	155495	50.849	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	116310	53.418	ug/l 95
28) Bromochloromethane	7.806	49	67587	48.284	ug/l 88
29) Tetrahydrofuran	7.836	42	194833	273.307	ug/l 92
30) Chloroform	7.959	83	192843	53.927	ug/l 100
31) Cyclohexane	8.253	56	154639	48.630	ug/l 99
32) 1,1,1-Trichloroethane	8.159	97	181465	55.753	ug/l 96
36) 1,1-Dichloropropene	8.365	75	134002	52.145	ug/l 98
37) Ethyl Acetate	7.559	43	124715	53.490	ug/l 98
38) Carbon Tetrachloride	8.359	117	154317	53.725	ug/l 97
39) Methylcyclohexane	9.594	83	156499	59.862	ug/l 96
40) Benzene	8.600	78	419861	50.875	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	70098	55.908	ug/l	94
42) 1,2-Dichloroethane	8.665	62	142212	53.208	ug/l	99
43) Isopropyl Acetate	8.689	43	232712	54.106	ug/l	98
44) Trichloroethene	9.347	130	100431	52.767	ug/l	99
45) 1,2-Dichloropropane	9.618	63	101637	52.500	ug/l	96
46) Dibromomethane	9.706	93	71686	52.476	ug/l	96
47) Bromodichloromethane	9.883	83	154654	53.707	ug/l #	97
48) Methyl methacrylate	9.677	41	104667	57.681	ug/l	95
49) 1,4-Dioxane	9.694	88	36846	1145.865	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	632475	284.556	ug/l	97
52) Toluene	10.630	92	267378	55.396	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	157611	52.877	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	169165	53.623	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	97419	53.582	ug/l	96
56) Ethyl methacrylate	10.871	69	170290	64.752	ug/l	93
57) 1,3-Dichloropropane	11.159	76	172727	55.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	359121	291.826	ug/l	95
59) 2-Hexanone	11.194	43	476745	294.678	ug/l	96
60) Dibromochloromethane	11.359	129	116137	56.047	ug/l	99
61) 1,2-Dibromoethane	11.465	107	101967	54.767	ug/l	98
64) Tetrachloroethene	11.100	164	87162	52.289	ug/l	97
65) Chlorobenzene	11.888	112	285367	50.900	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	104465	53.569	ug/l	96
67) Ethyl Benzene	11.959	91	516533	55.195	ug/l	99
68) m/p-Xylenes	12.071	106	388754	109.725	ug/l	99
69) o-Xylene	12.394	106	196248	59.211	ug/l	98
70) Styrene	12.406	104	323933	56.027	ug/l	100
71) Bromoform	12.576	173	77070	52.522	ug/l #	98
73) Isopropylbenzene	12.694	105	489043	55.856	ug/l	100
74) N-amyl acetate	12.488	43	207914	55.794	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	143656	49.156	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	128222m	51.341	ug/l	
77) Bromobenzene	12.976	156	115700	49.156	ug/l	95
78) n-propylbenzene	13.035	91	564929	55.062	ug/l	91
79) 2-Chlorotoluene	13.124	91	354716	52.912	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	406969	56.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49939	47.438	ug/l	98
82) 4-Chlorotoluene	13.218	91	339410	48.108	ug/l	98
83) tert-Butylbenzene	13.435	119	344140	57.302	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	424088	56.624	ug/l	97
85) sec-Butylbenzene	13.612	105	499081	58.830	ug/l	98
86) p-Isopropyltoluene	13.723	119	407741	58.604	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	214195	46.630	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	208264	49.432	ug/l	99
89) n-Butylbenzene	14.053	91	345547	53.094	ug/l	98
90) Hexachloroethane	14.329	117	71856	46.311	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	210190	47.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	30463	51.454	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	113492	46.975	ug/l	98
94) Hexachlorobutadiene	15.494	225	49557	46.709	ug/l	98
95) Naphthalene	15.635	128	417086	57.676	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	111324	47.467	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

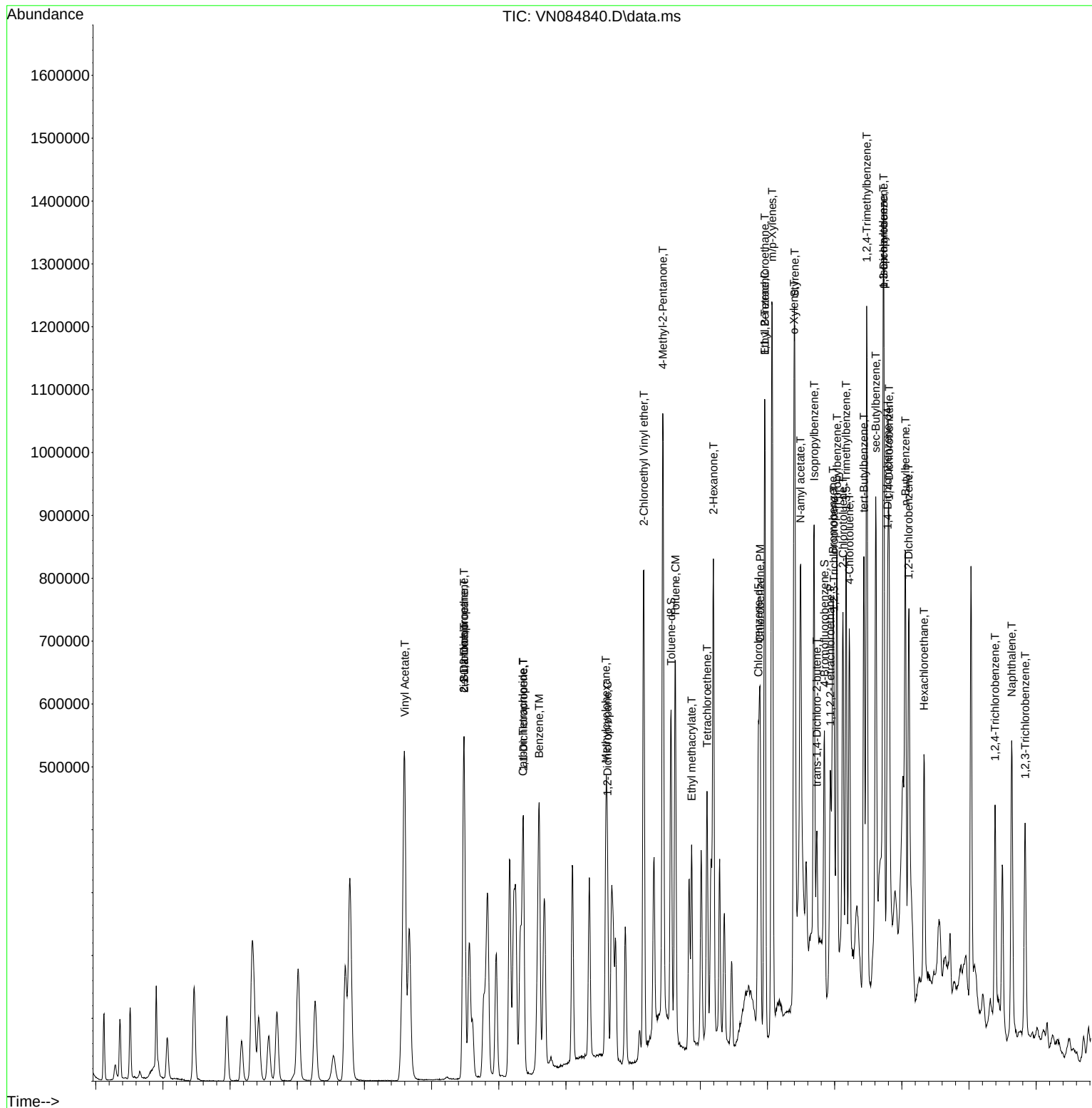
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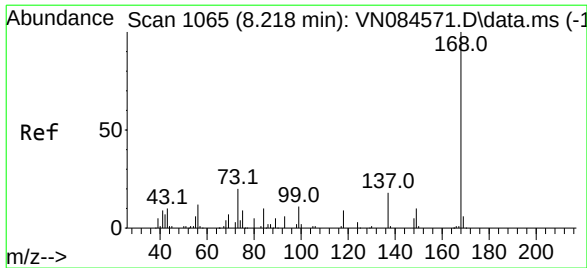
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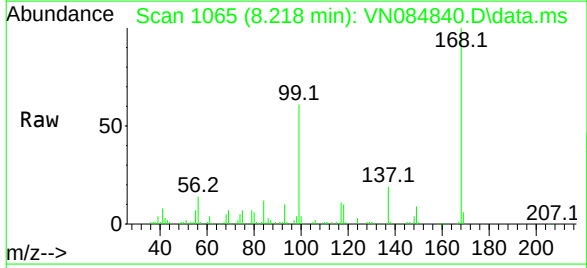
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084840.D
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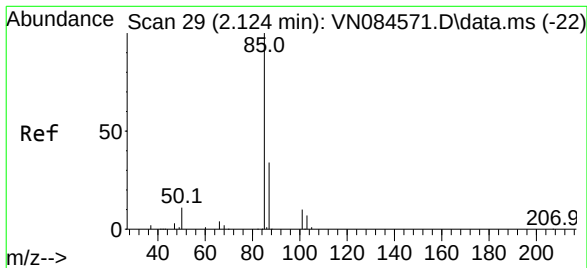
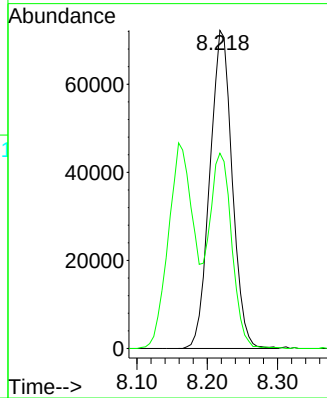
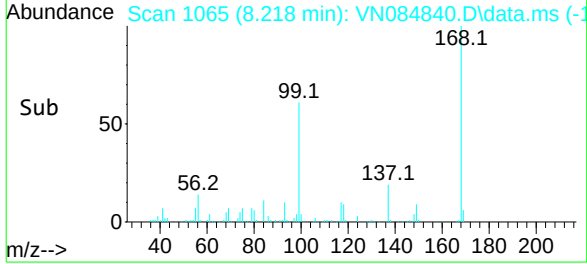
Instrument :
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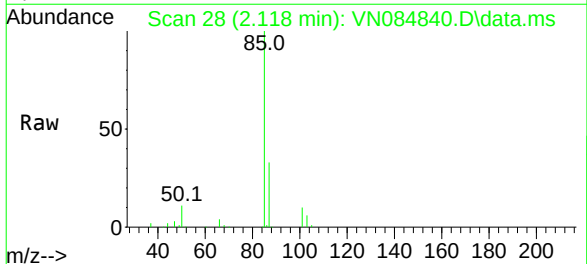
Tgt Ion: 168 Resp: 159469
Ion Ratio Lower Upper
168 100
99 61.1 54.2 81.2

Manual Integrations
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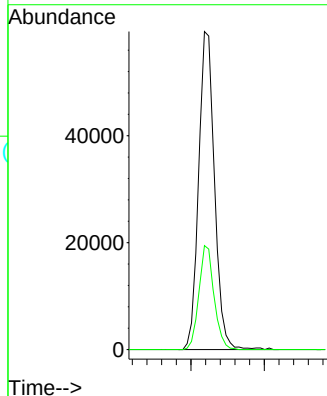
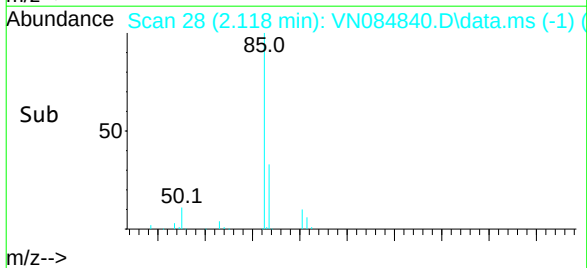
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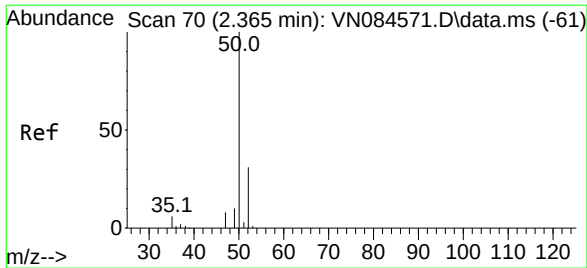


#2
Dichlorodifluoromethane
Concen: 48.894 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47



Tgt Ion: 85 Resp: 89634
Ion Ratio Lower Upper
85 100
87 32.7 17.6 52.9





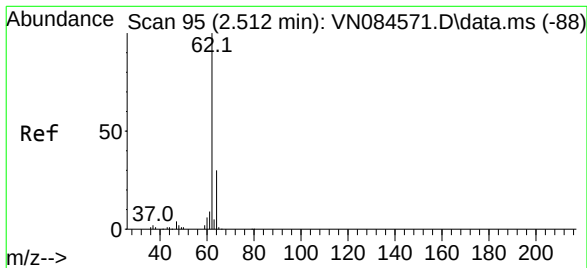
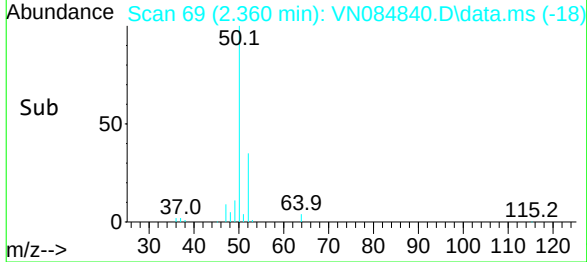
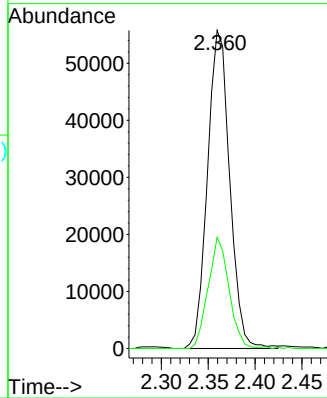
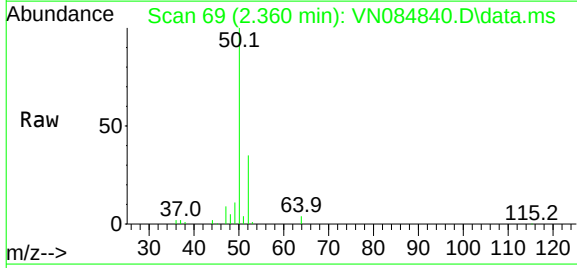
#3
Chloromethane
Concen: 42.369 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
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Tgt Ion: 50 Resp: 91968
Ion Ratio Lower Upper
50 100
52 34.9 26.8 40.2

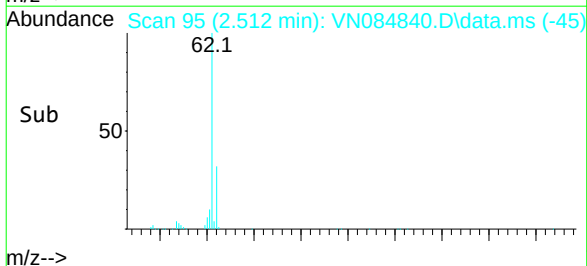
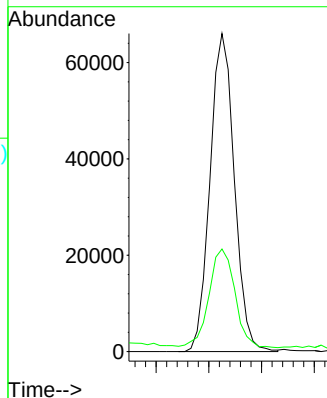
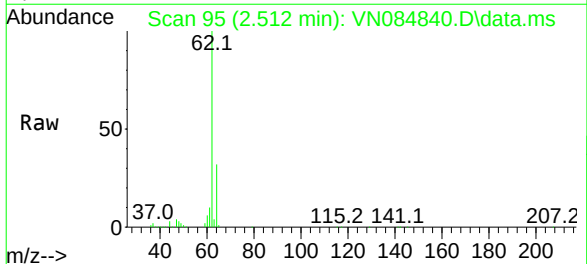
Manual Integrations
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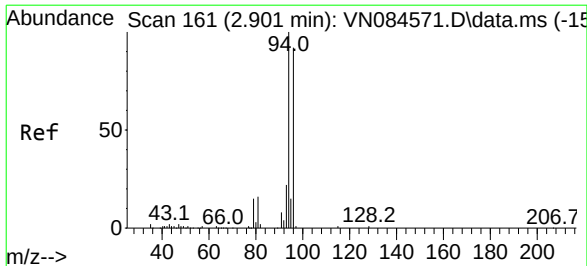
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#4
Vinyl Chloride
Concen: 53.704 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 62 Resp: 105890
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.4





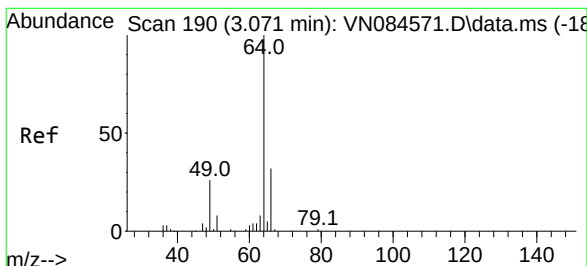
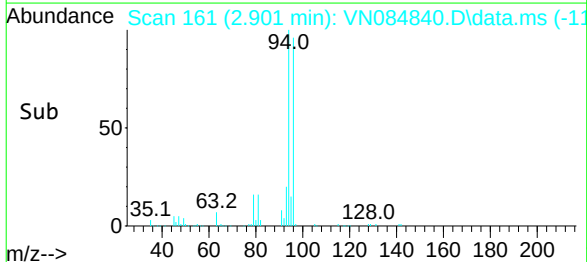
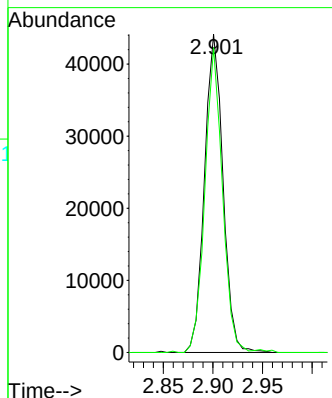
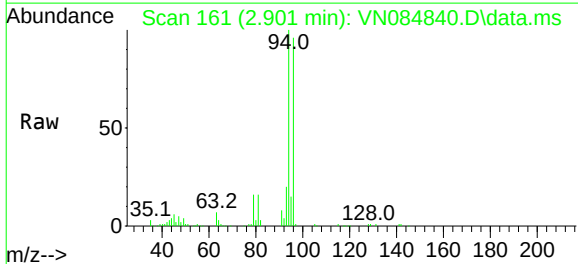
#5
Bromomethane
Concen: 54.842 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
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Tgt Ion: 94 Resp: 57293
Ion Ratio Lower Upper
94 100
96 95.8 72.9 109.3

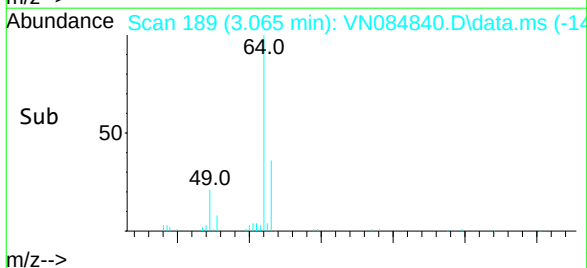
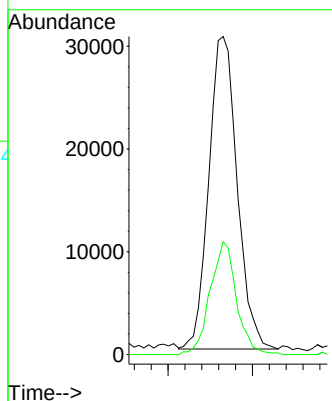
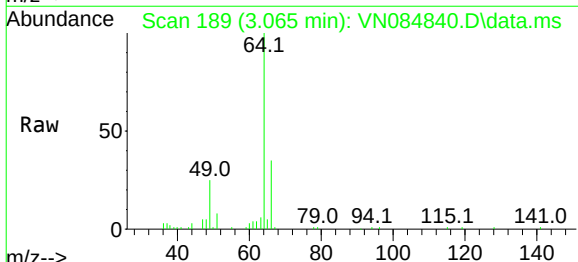
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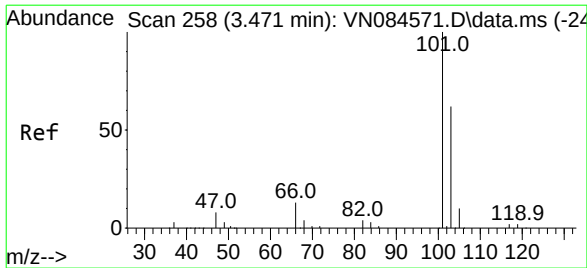
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#6
Chloroethane
Concen: 58.467 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

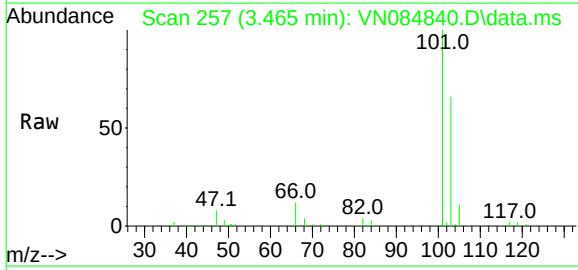
Tgt Ion: 64 Resp: 71072
Ion Ratio Lower Upper
64 100
66 36.1 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 52.138 ug/l
 RT: 3.465 min Scan# 258
 Delta R.T. -0.030 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

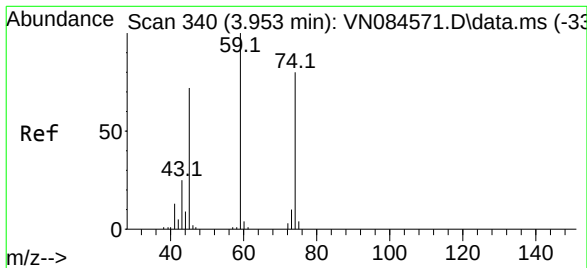
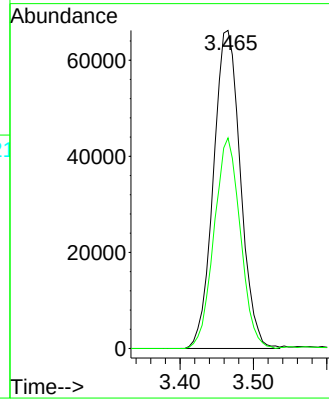
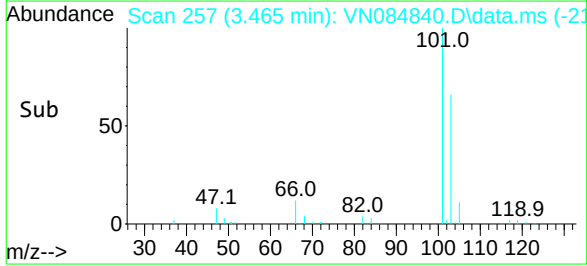
Instrument :
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Tgt Ion:101 Resp: 169345
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.8 77.6

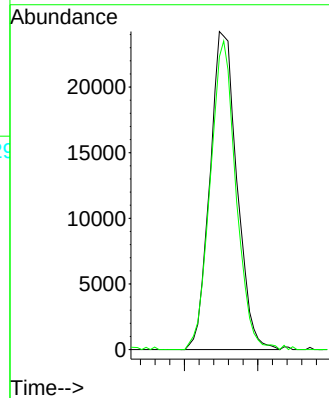
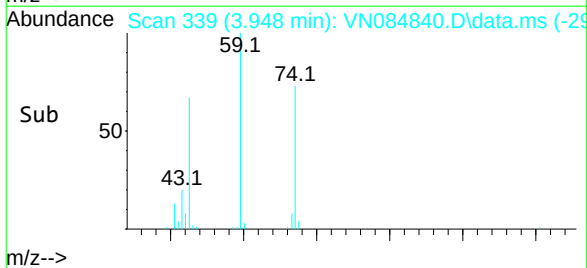
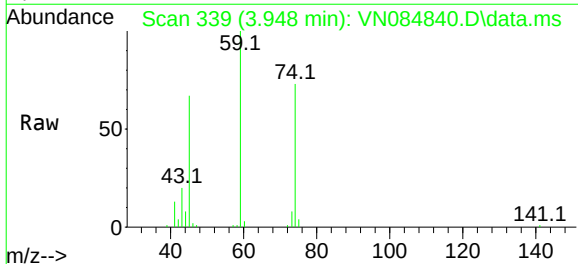
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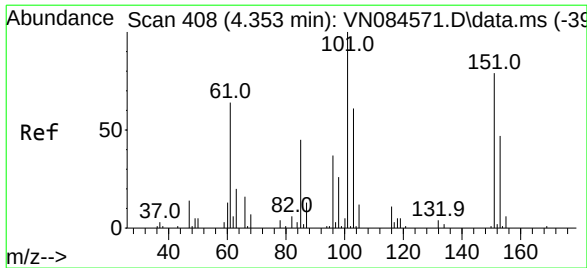
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#8
 Diethyl Ether
 Concen: 54.111 ug/l
 RT: 3.948 min Scan# 339
 Delta R.T. -0.011 min
 Lab File: VN084840.D
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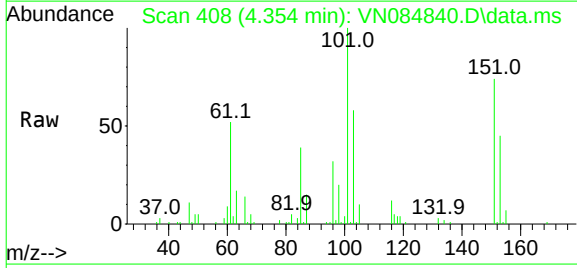
Tgt Ion: 74 Resp: 61998
 Ion Ratio Lower Upper
 74 100
 45 92.2 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.873 ug/l
RT: 4.354 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

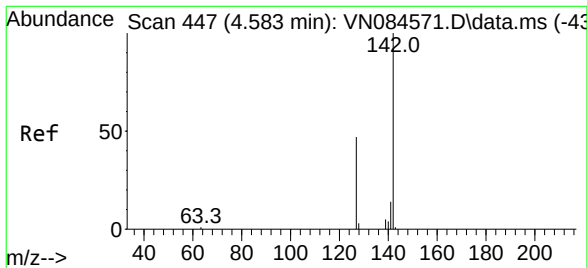
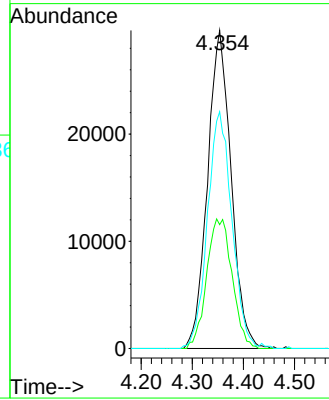
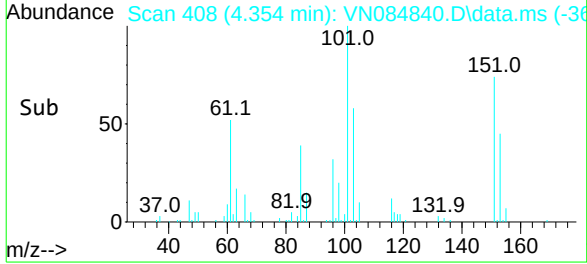
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



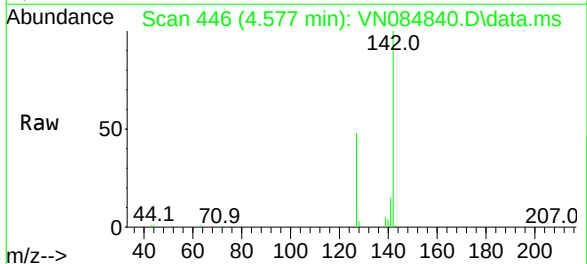
Tgt Ion:101 Resp: 95203
Ion Ratio Lower Upper
101 100
85 43.9 36.2 54.4
151 76.9 59.3 88.9

Manual Integrations
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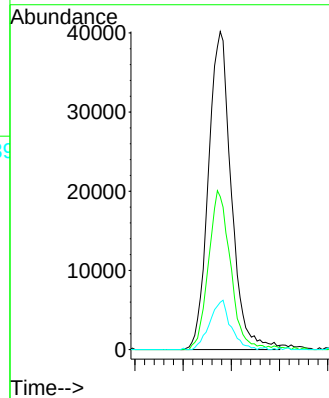
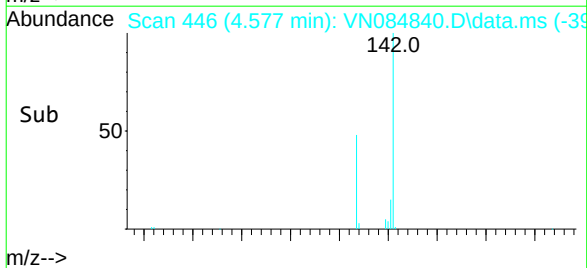
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

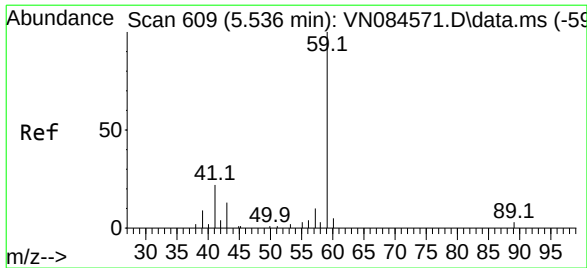


#10
Methyl Iodide
Concen: 54.037 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47



Tgt Ion:142 Resp: 132545
Ion Ratio Lower Upper
142 100
127 48.1 35.3 52.9
141 14.9 11.0 16.6





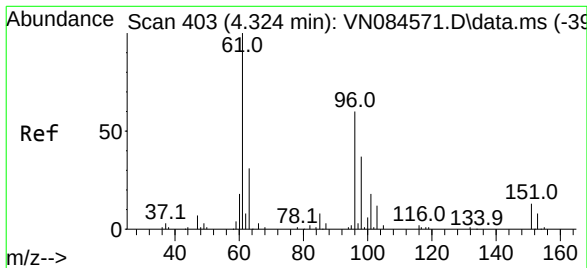
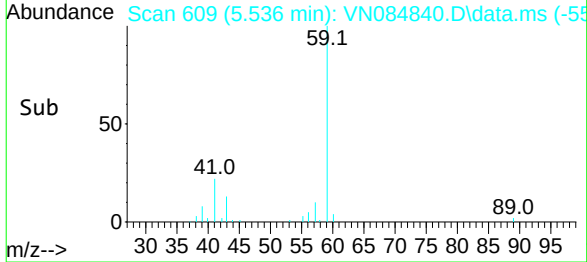
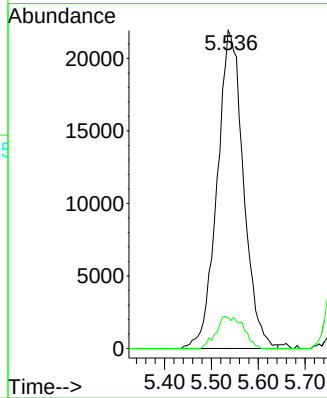
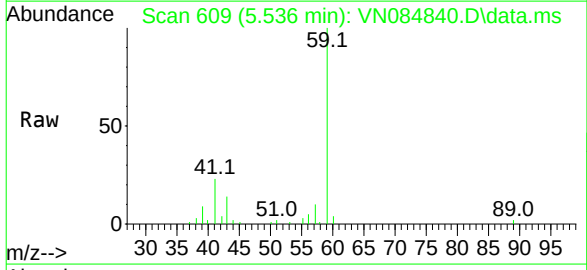
#11
Tert butyl alcohol
Concen: 280.845 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 85384
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

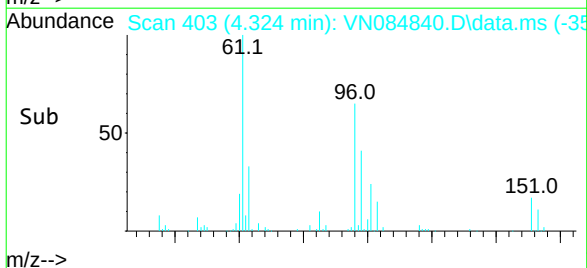
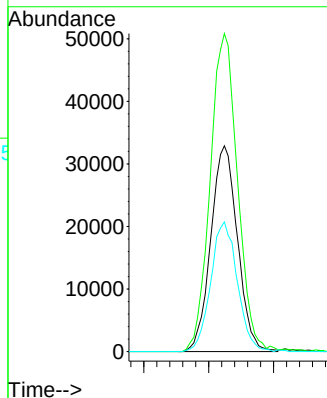
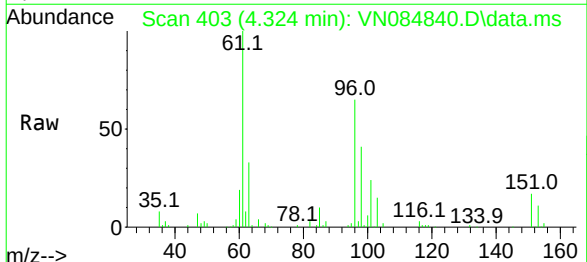
Manual Integrations
APPROVED

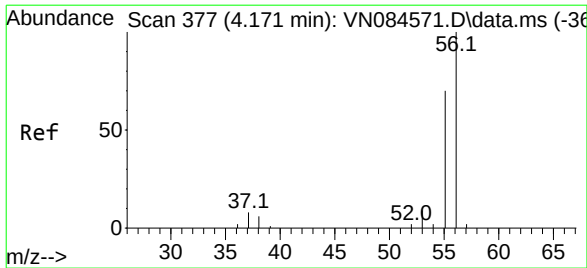
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#12
1,1-Dichloroethene
Concen: 51.806 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 96 Resp: 94081
Ion Ratio Lower Upper
96 100
61 154.6 128.6 192.8
98 63.0 51.7 77.5





#13

Acrolein

Concen: 280.883 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

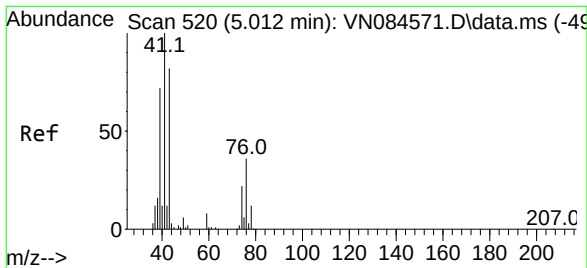
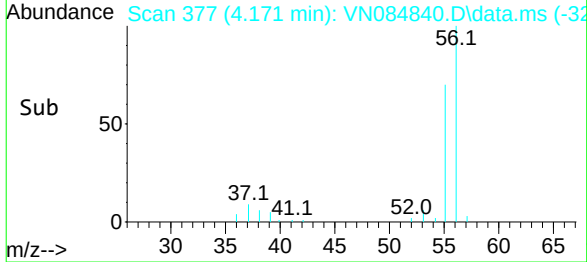
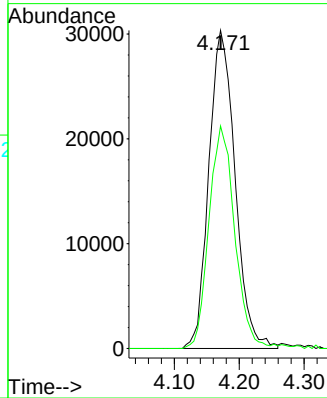
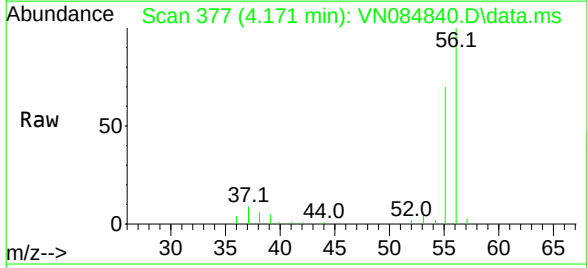
Tgt Ion:	56	Resp:	85154
Ion	Ratio	Lower	Upper
56	100		
55	68.5	57.2	85.8

Manual Integrations

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Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#14

Allyl chloride

Concen: 51.540 ug/l

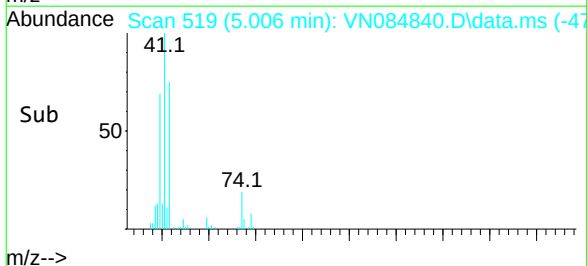
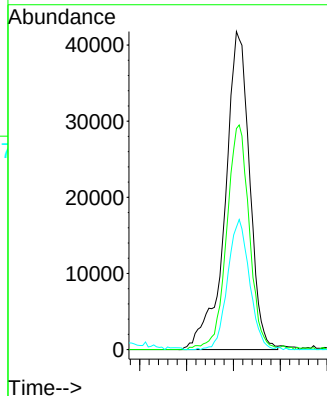
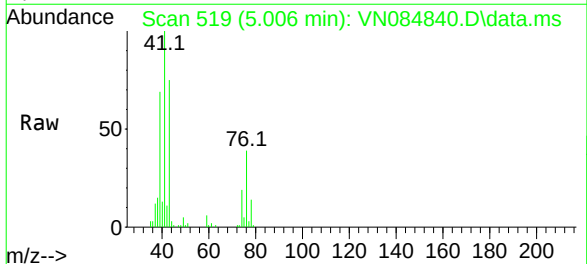
RT: 5.006 min Scan# 519

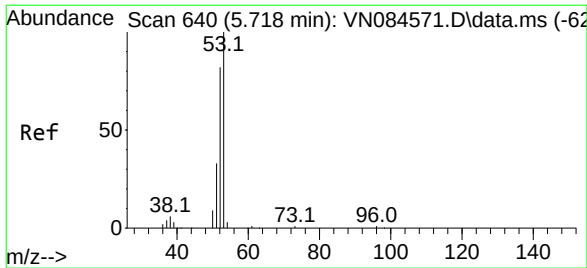
Delta R.T. -0.018 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Tgt Ion:	41	Resp:	151793
Ion	Ratio	Lower	Upper
41	100		
39	65.2	59.0	88.6
76	36.4	29.8	44.6





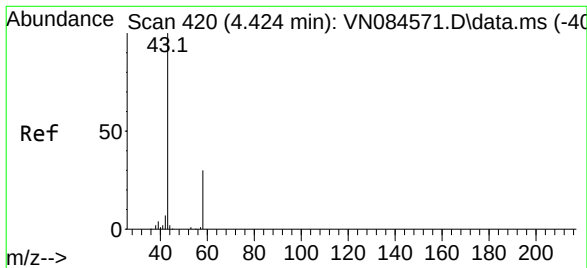
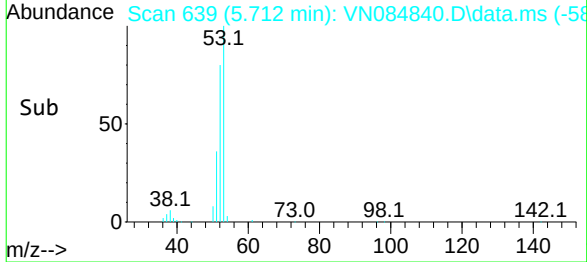
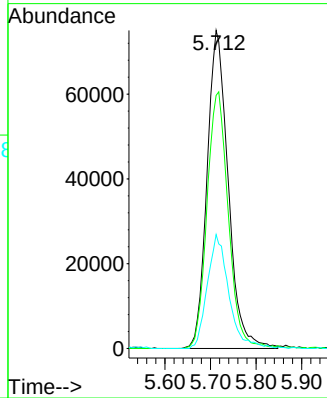
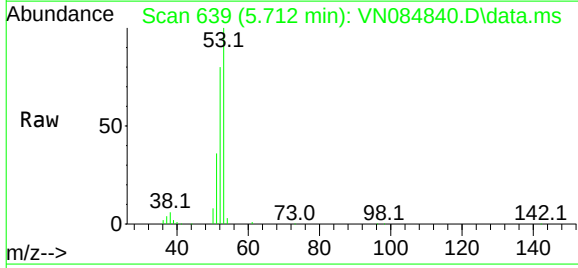
#15
Acrylonitrile
Concen: 274.579 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 241668
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.4
51 36.3 28.8 43.2

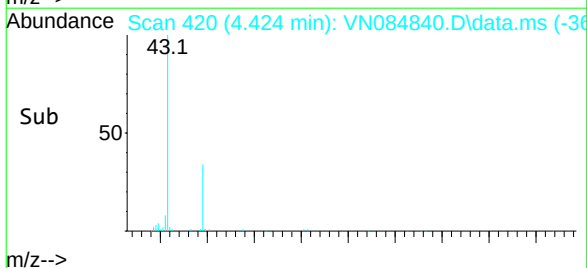
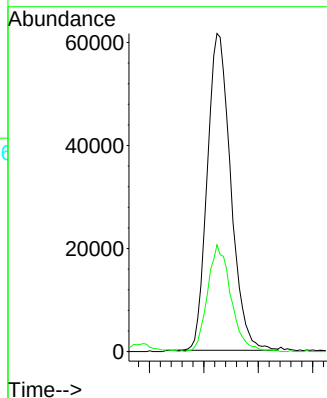
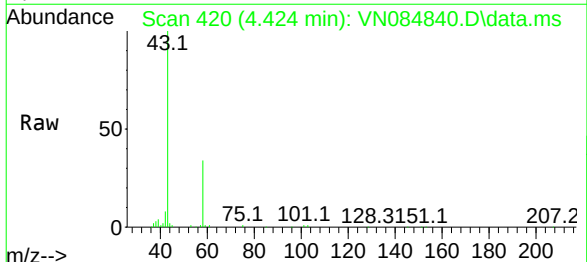
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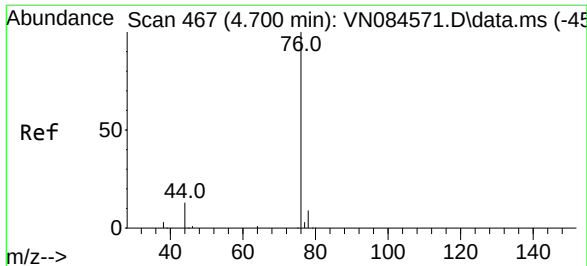
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#16
Acetone
Concen: 277.628 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 43 Resp: 184504
Ion Ratio Lower Upper
43 100
58 33.7 24.4 36.6





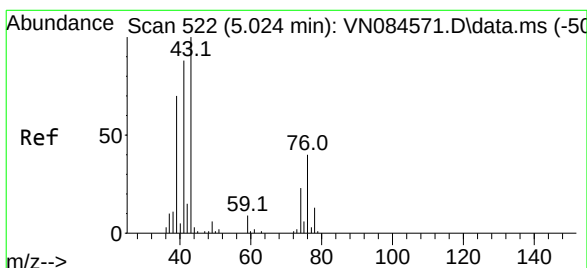
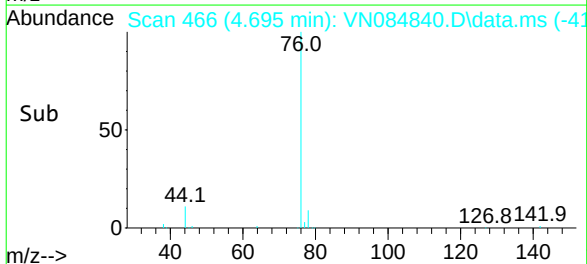
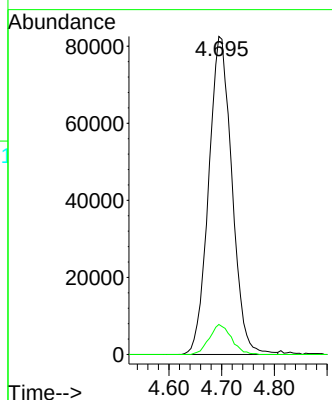
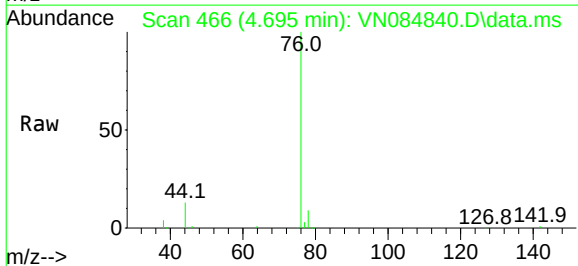
#17
Carbon Disulfide
Concen: 45.240 ug/l
RT: 4.695 min Scan# 46
Delta R.T. -0.017 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 253008
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

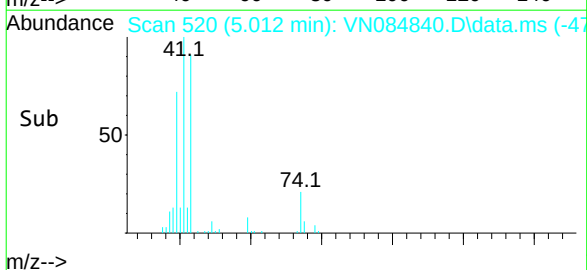
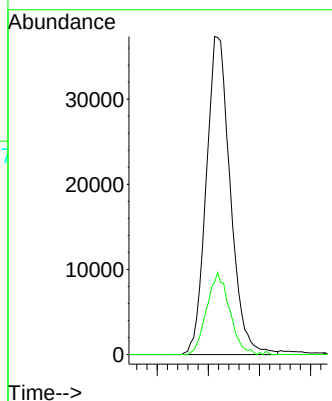
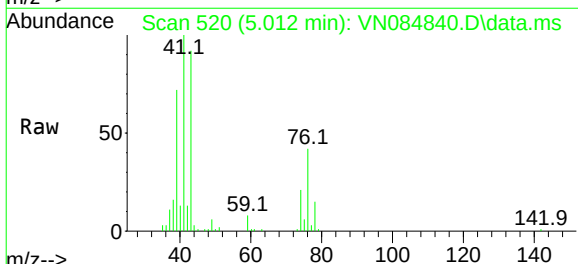
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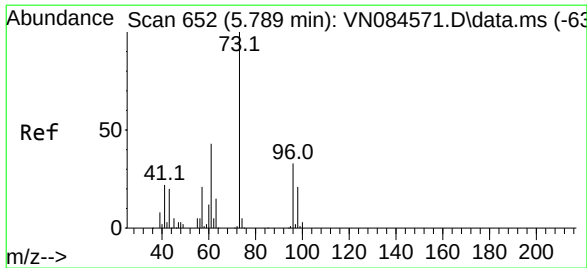
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#18
Methyl Acetate
Concen: 50.297 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

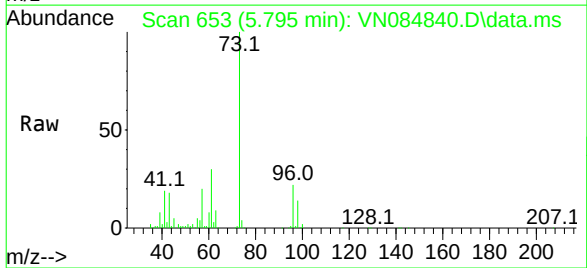
Tgt Ion: 43 Resp: 122182
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 57.760 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

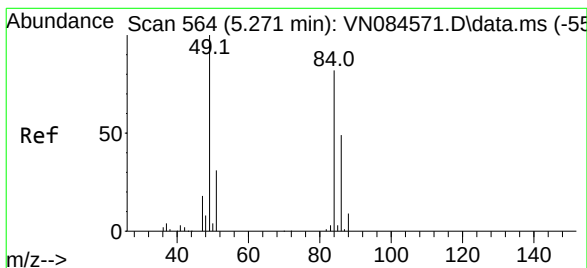
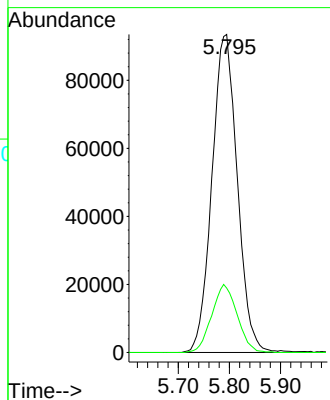
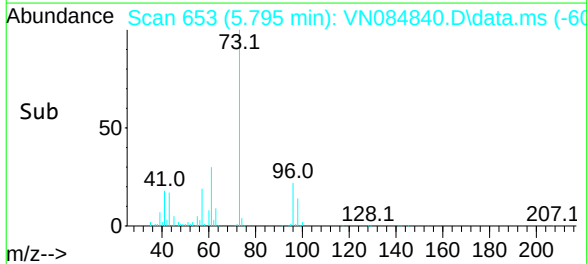
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 321505
Ion Ratio Lower Upper
73 100
57 20.2 17.7 26.5

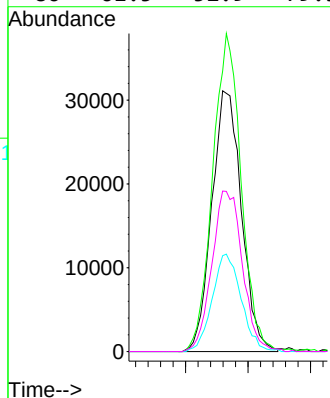
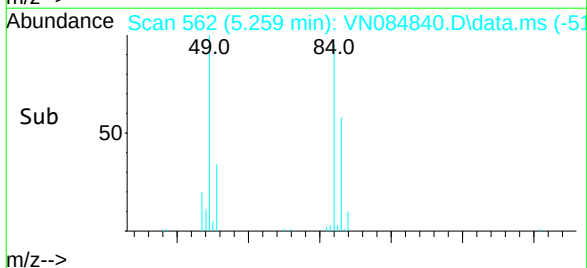
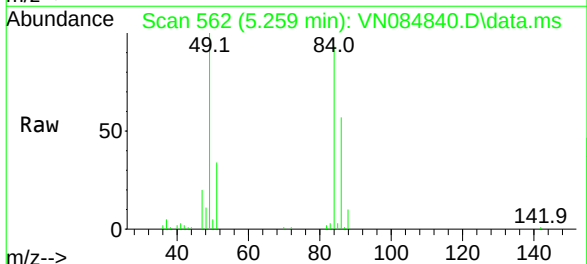
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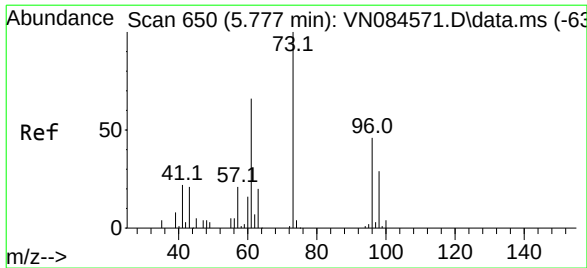
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#20
Methylene Chloride
Concen: 50.637 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

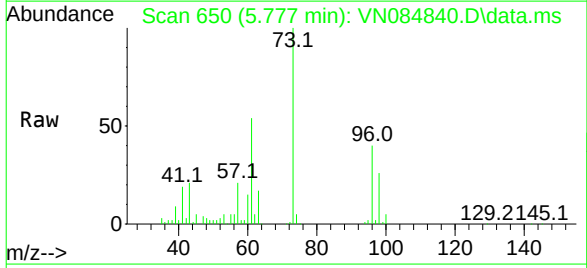
Tgt Ion: 84 Resp: 102579
Ion Ratio Lower Upper
84 100
49 107.6 107.2 160.8
51 36.8 31.8 47.8
86 61.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 51.555 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

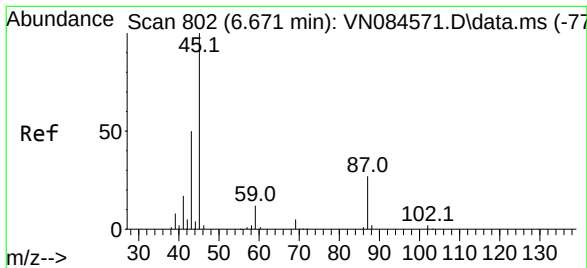
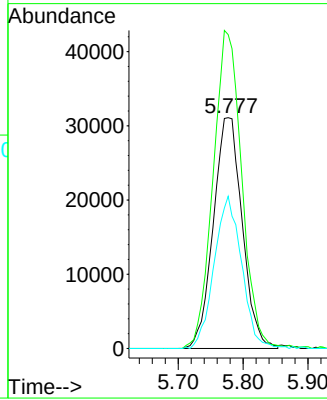
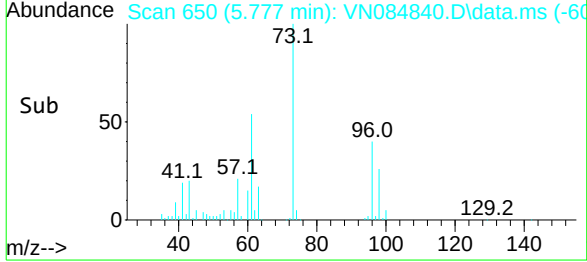
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 96137
Ion Ratio Lower Upper
96 100
61 136.0 108.4 162.6
98 66.0 49.8 74.8

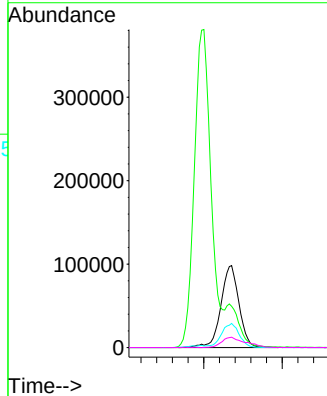
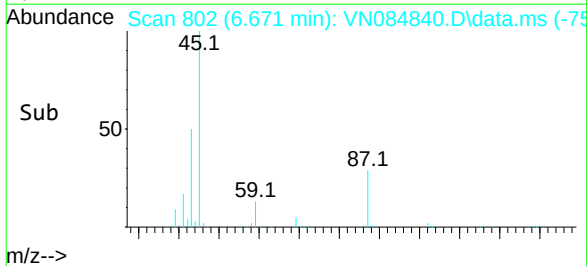
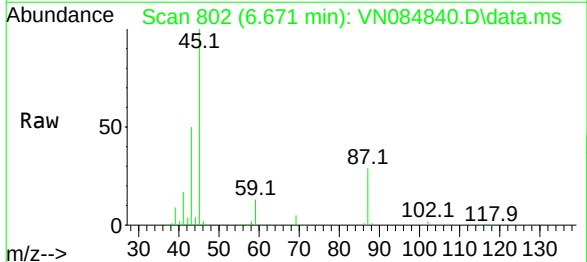
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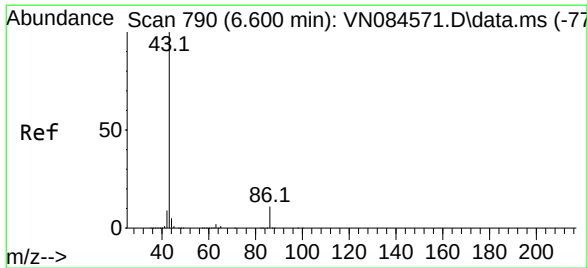
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#22
Diisopropyl ether
Concen: 53.765 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 45 Resp: 314634
Ion Ratio Lower Upper
45 100
43 49.7 42.3 63.5
87 29.3 21.8 32.6
59 12.7 9.6 14.4





#23

Vinyl Acetate

Concen: 280.885 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1133540

Ion Ratio Lower Upper

43 100

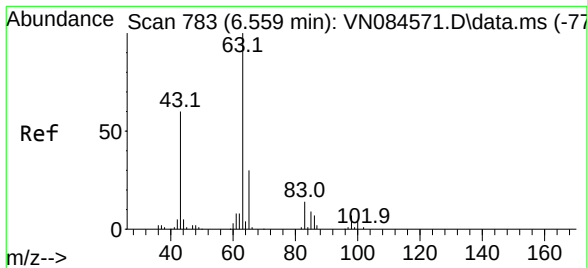
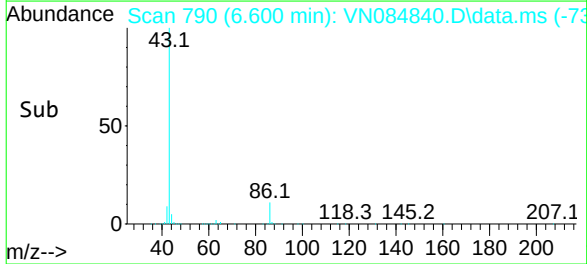
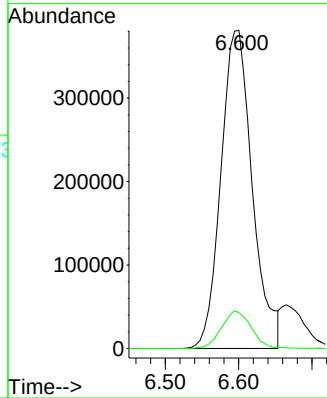
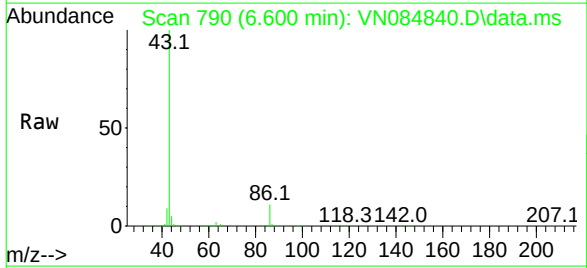
86 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#24

1,1-Dichloroethane

Concen: 53.304 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

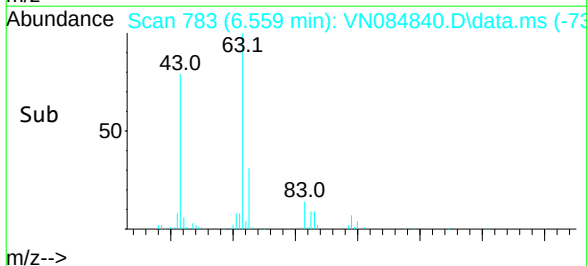
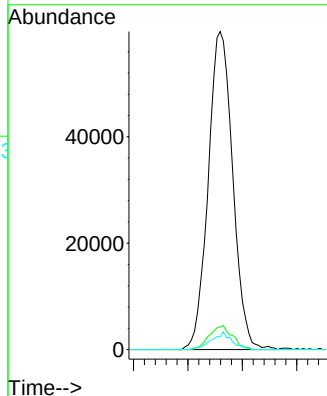
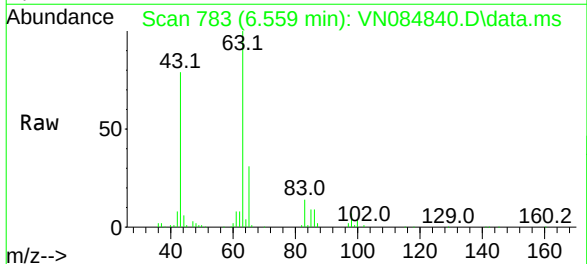
Tgt Ion: 63 Resp: 187279

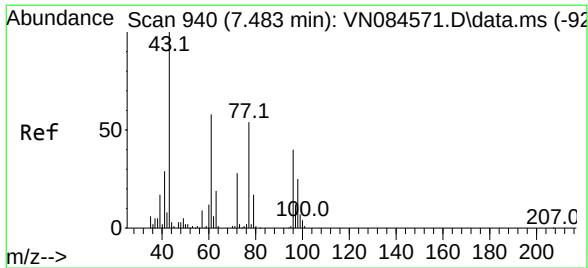
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.1 2.0 5.8





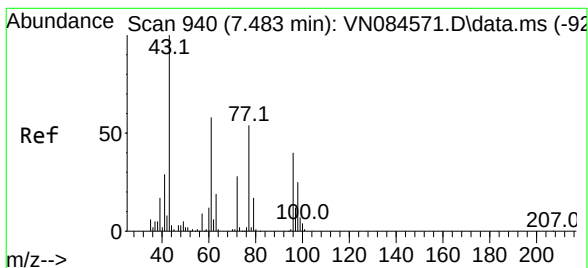
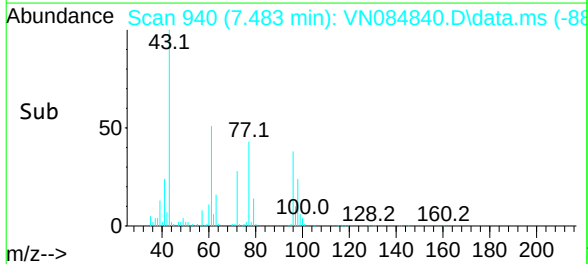
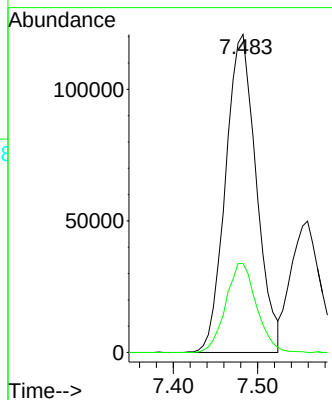
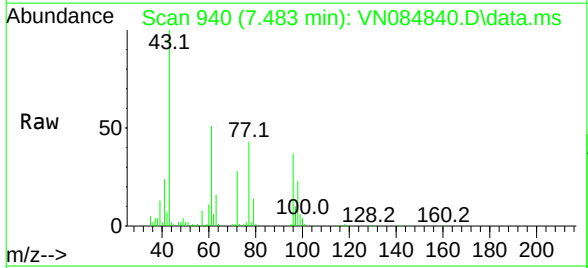
#25
2-Butanone
Concen: 284.929 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 306171
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.2

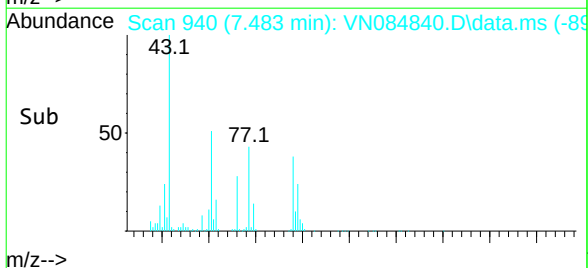
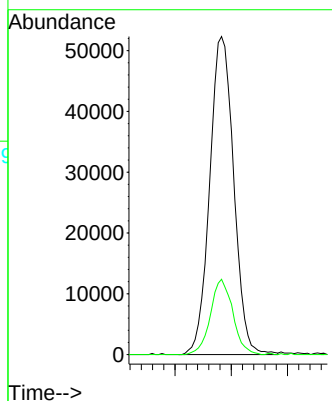
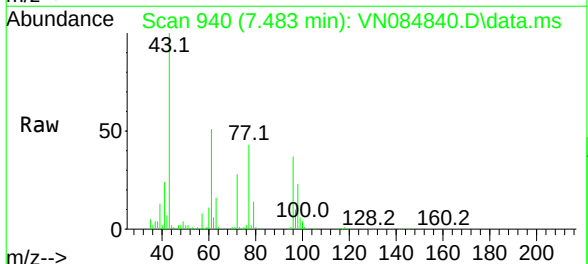
Manual Integrations
APPROVED

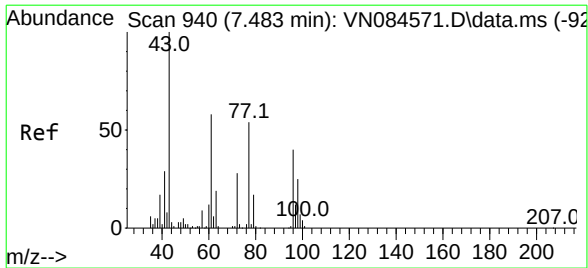
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#26
2,2-Dichloropropane
Concen: 50.849 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

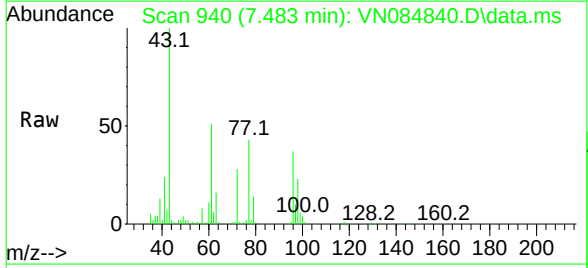
Tgt Ion: 77 Resp: 155495
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 53.418 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

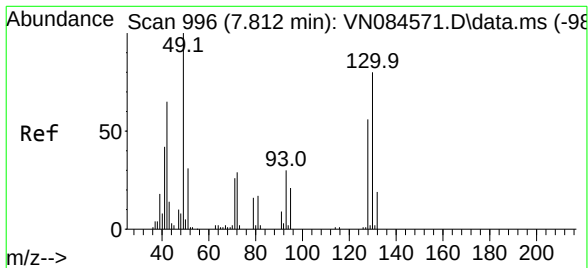
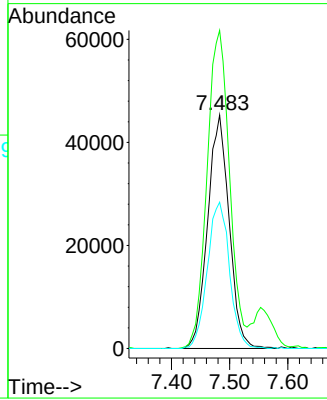
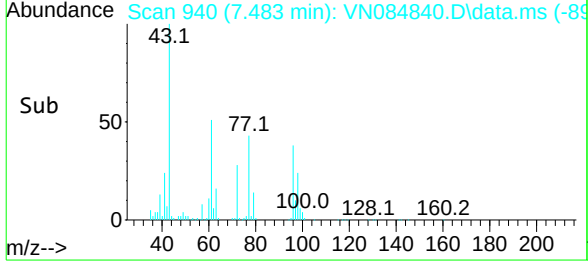
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 116310
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 301.8
 98 64.6 0.0 128.2

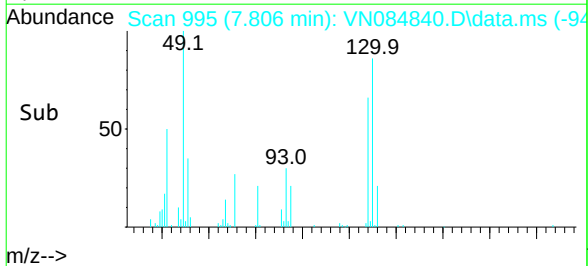
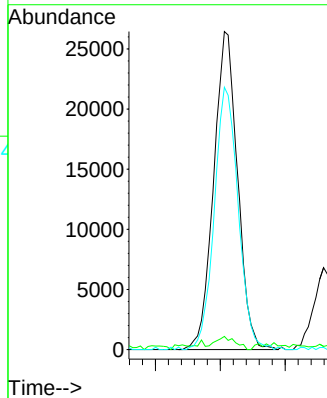
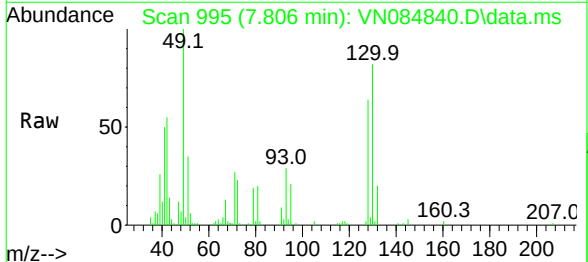
Manual Integrations
 APPROVED

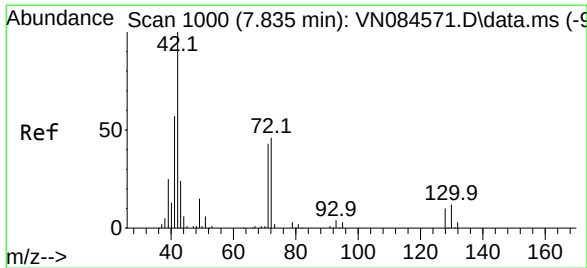
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#28
 Bromochloromethane
 Concen: 48.284 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

Tgt Ion: 49 Resp: 67587
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 3.6
 130 82.8 58.0 87.0





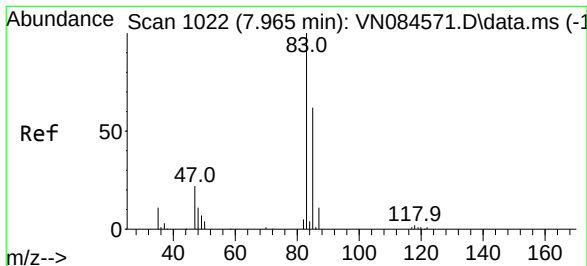
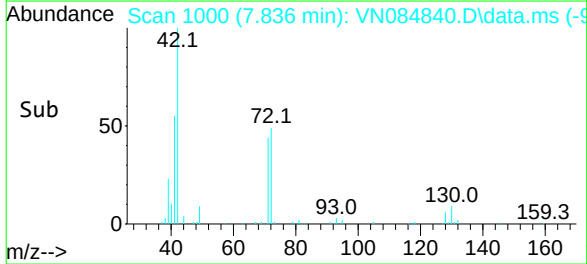
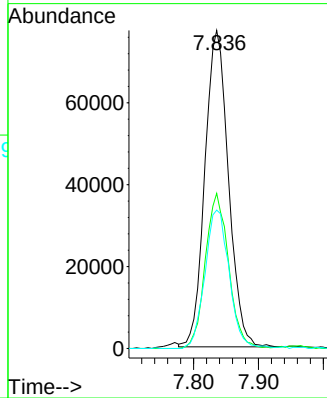
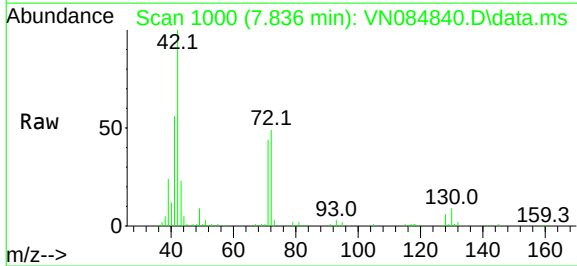
#29
Tetrahydrofuran
Concen: 273.307 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 194833
Ion Ratio Lower Upper
42 100
72 48.5 34.6 51.8
71 45.1 32.2 48.4

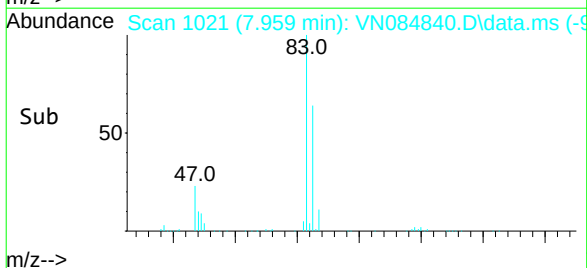
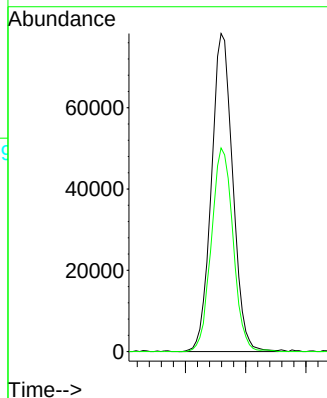
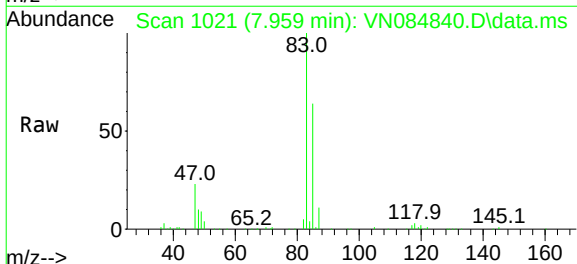
Manual Integrations
APPROVED

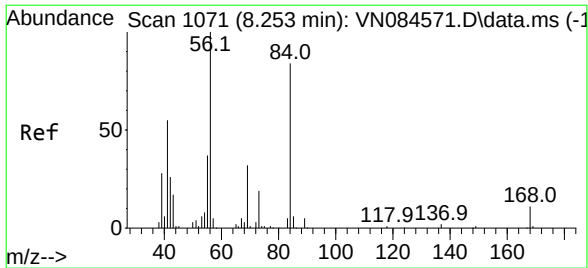
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#30
Chloroform
Concen: 53.927 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

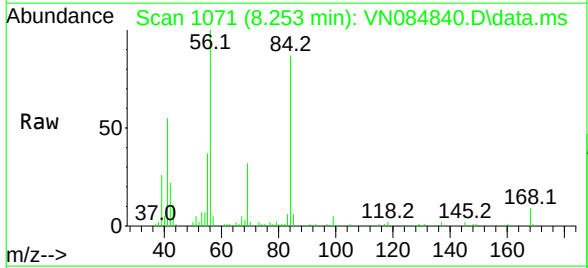
Tgt Ion: 83 Resp: 192843
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.4





#31
Cyclohexane
Concen: 48.630 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

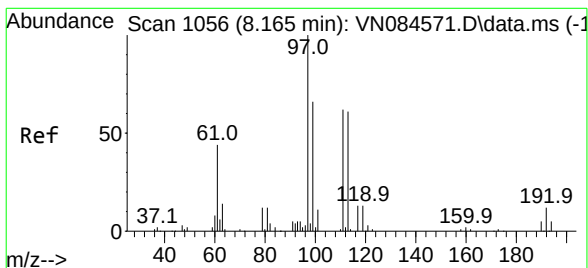
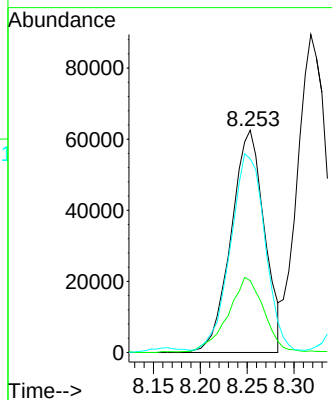
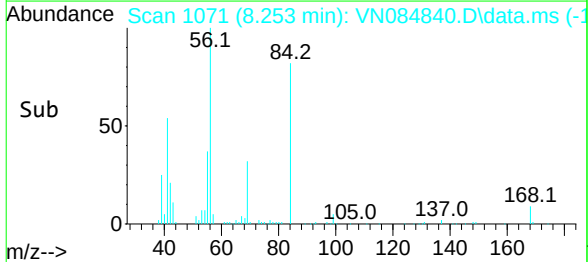
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



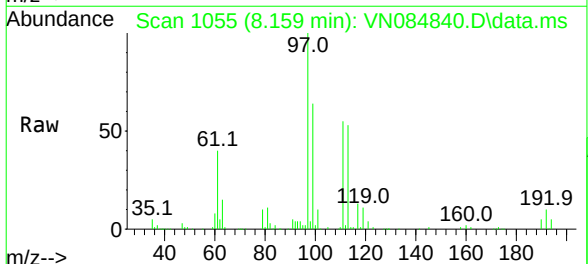
Tgt Ion: 56 Resp: 154639
Ion Ratio Lower Upper
56 100
69 32.0 23.8 35.6
84 85.7 68.8 103.2

Manual Integrations
APPROVED

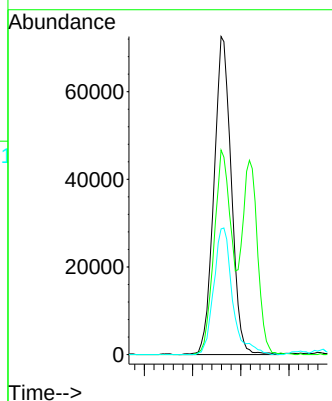
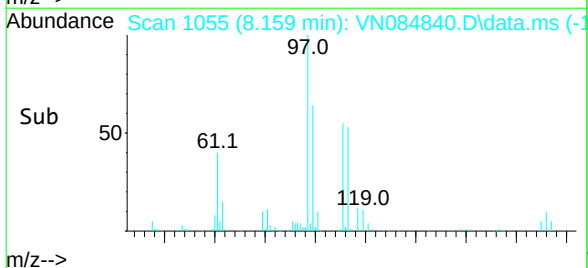
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

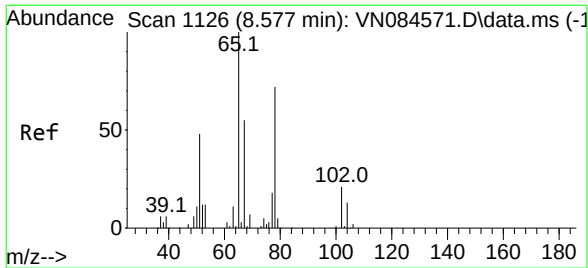


#32
1,1,1-Trichloroethane
Concen: 55.753 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47



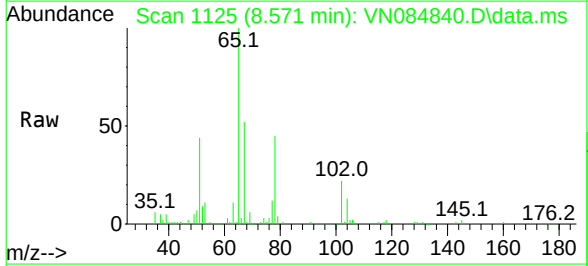
Tgt Ion: 97 Resp: 181465
Ion Ratio Lower Upper
97 100
99 62.7 51.2 76.8
61 42.8 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 50.639 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

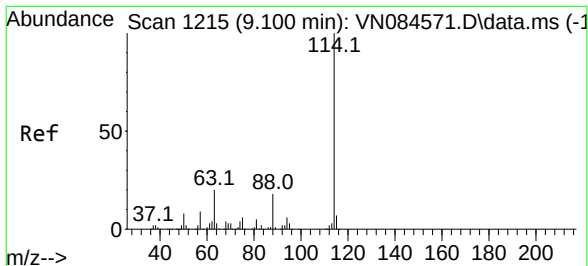
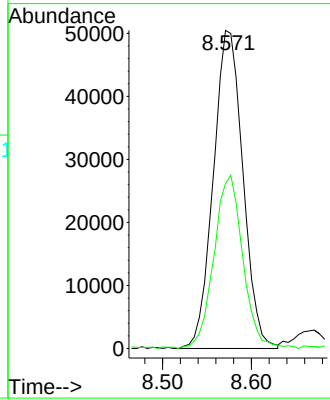
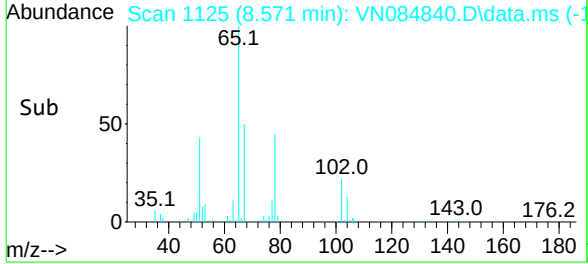
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 65 Resp: 116635
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 102.0

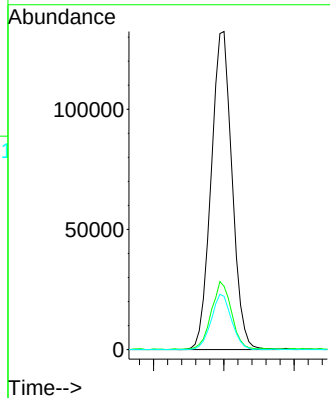
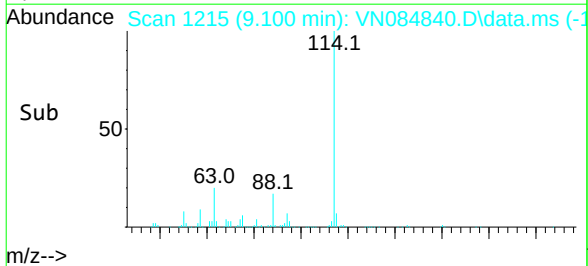
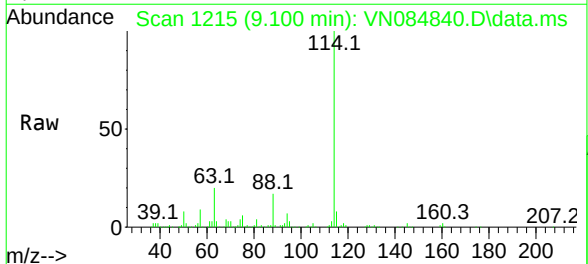
Manual Integrations
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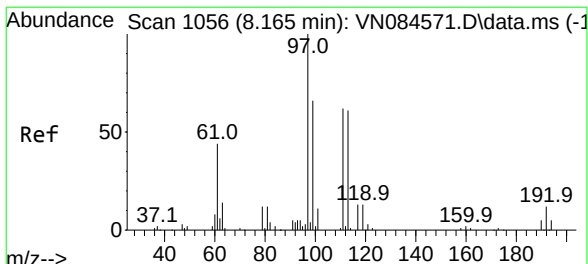
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

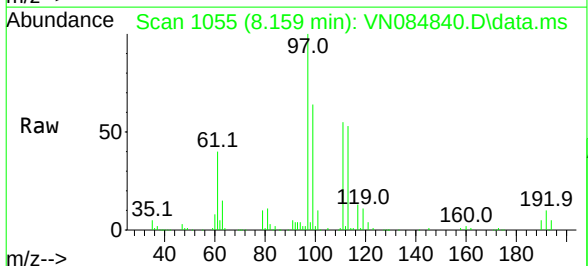
Tgt Ion:114 Resp: 273747
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.8
 88 16.8 0.0 31.6





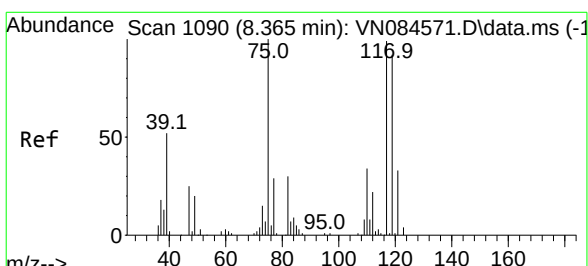
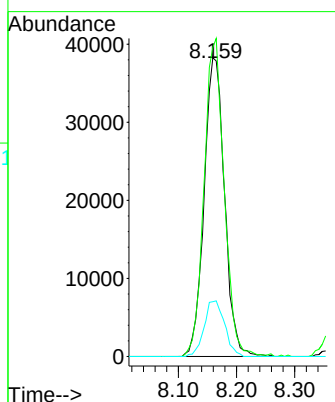
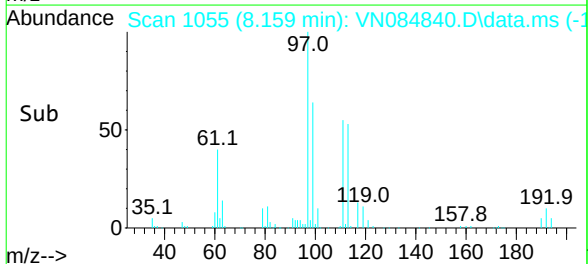
#35
 Dibromofluoromethane
 Concen: 50.413 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

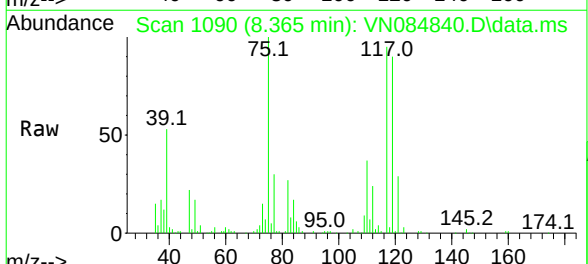


Tgt Ion:	113	Resp:	93412
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.3	124.9
192	18.7	13.5	20.3

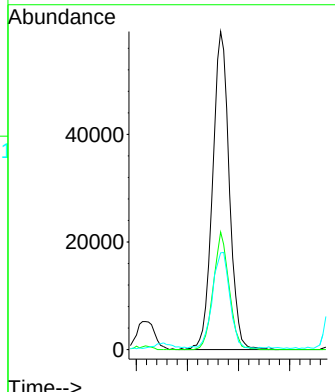
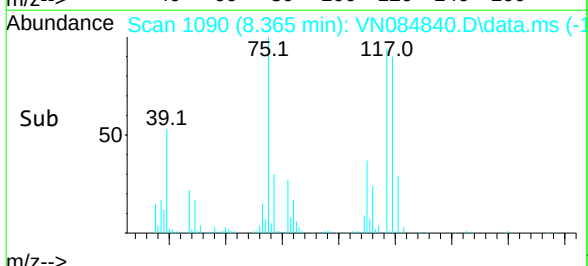
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024

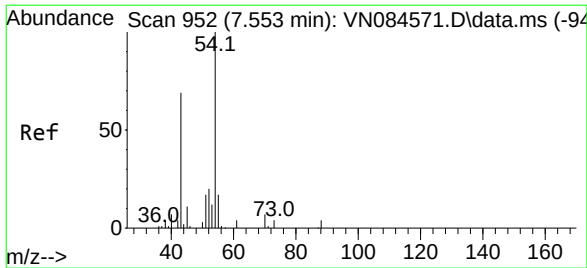


#36
 1,1-Dichloropropene
 Concen: 52.145 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47



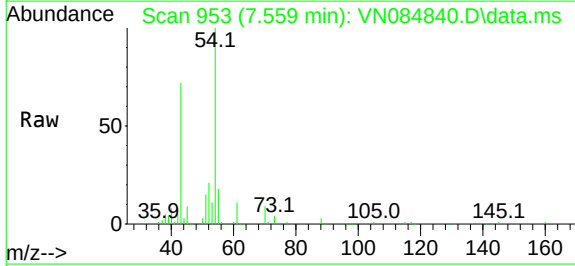
Tgt Ion:	75	Resp:	134002
Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.9	50.7
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 53.490 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

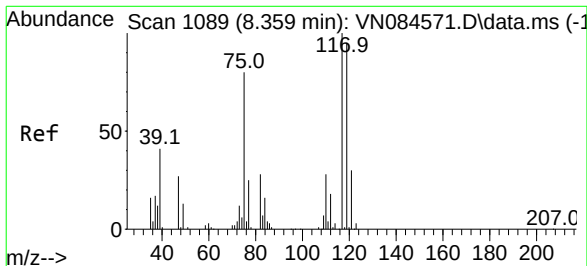
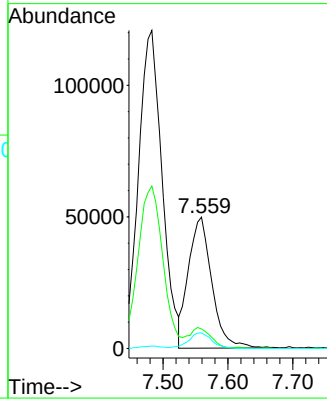
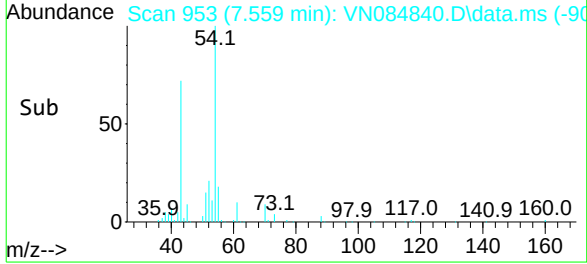
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 124715
Ion Ratio Lower Upper
43 100
61 13.9 10.7 16.1
70 11.9 8.8 13.2

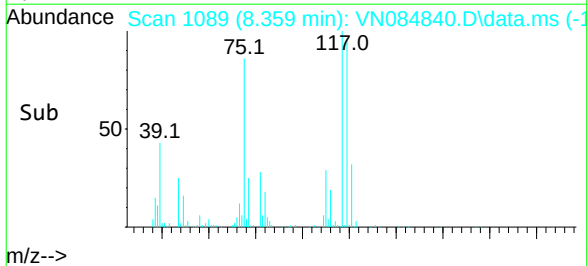
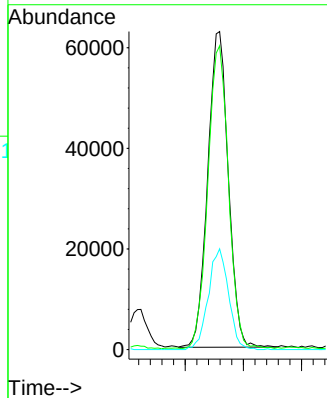
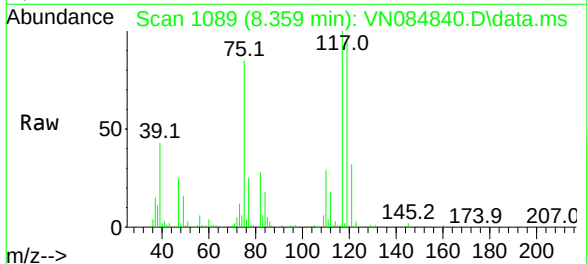
Manual Integrations
APPROVED

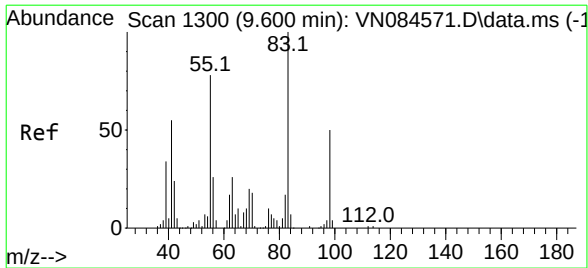
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#38
Carbon Tetrachloride
Concen: 53.725 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

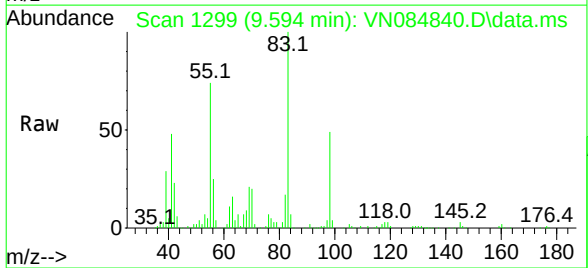
Tgt Ion:117 Resp: 154317
Ion Ratio Lower Upper
117 100
119 95.8 78.7 118.1
121 31.9 24.4 36.6





#39
Methylcyclohexane
Concen: 59.862 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

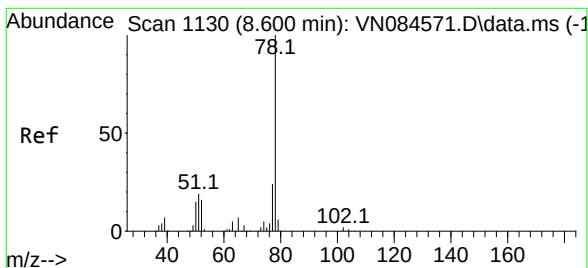
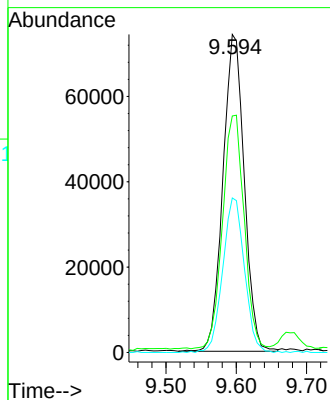
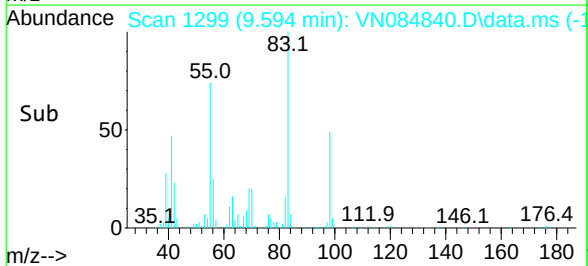
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 156499
Ion Ratio Lower Upper
83 100
55 73.4 62.8 94.2
98 48.8 38.8 58.2

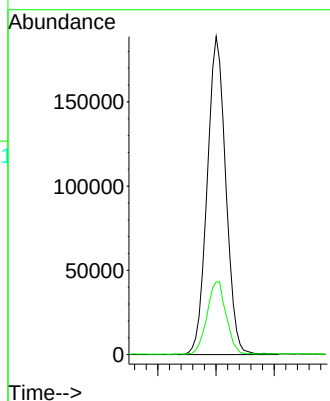
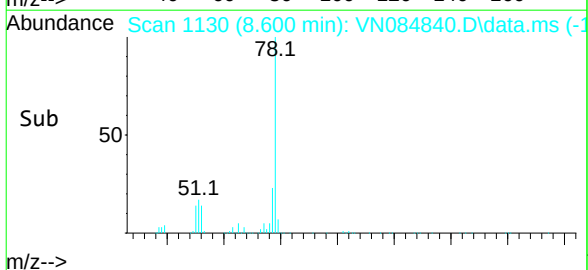
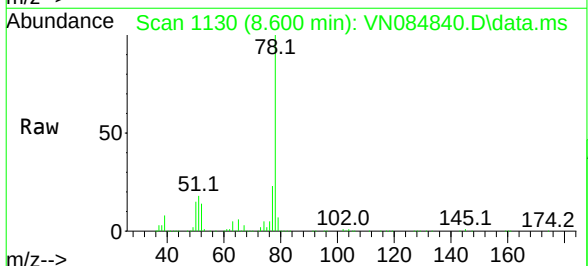
Manual Integrations
APPROVED

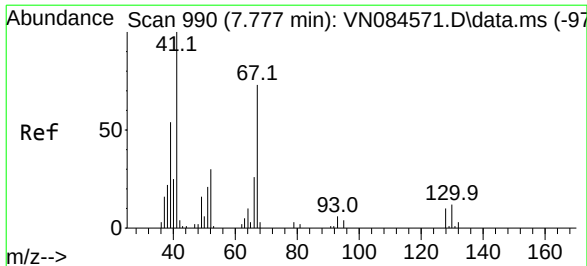
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#40
Benzene
Concen: 50.875 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 78 Resp: 419861
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7





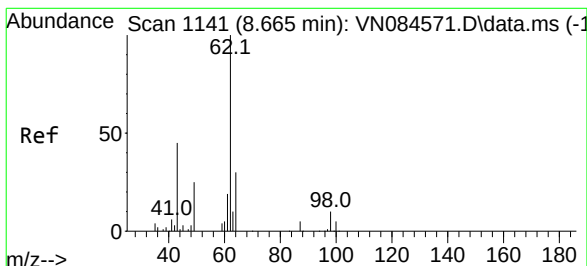
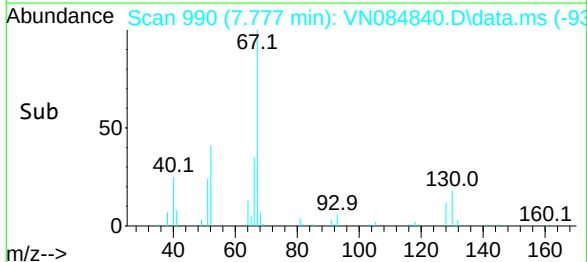
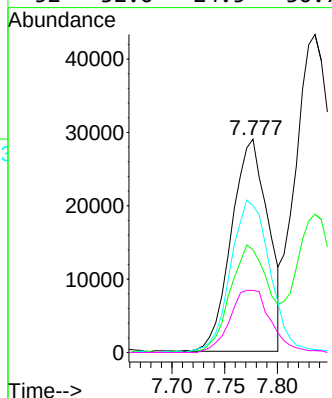
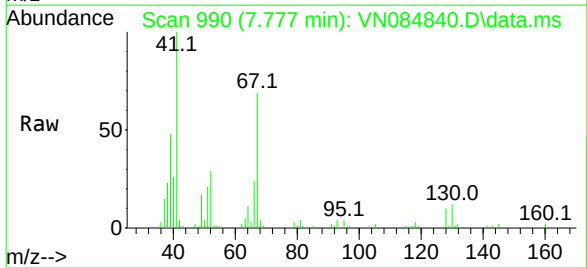
#41
Methacrylonitrile
Concen: 55.908 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	70098
Ion	Ratio	Lower	Upper
41	100		
39	52.6	43.3	64.9
67	77.6	56.1	84.1
52	32.6	24.5	36.7

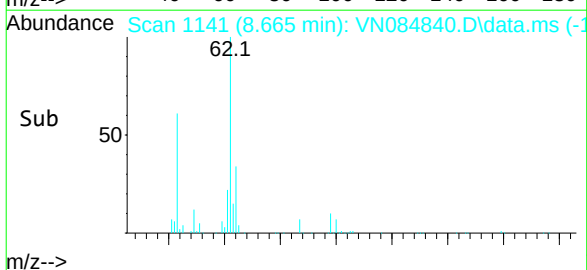
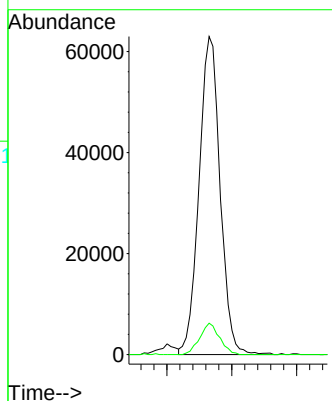
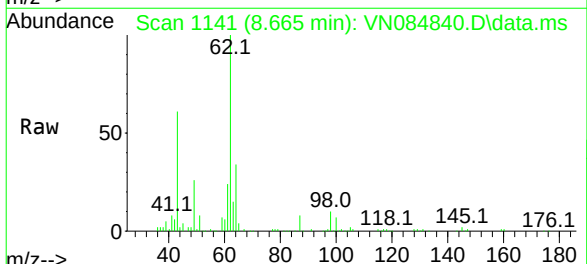
Manual Integrations
APPROVED

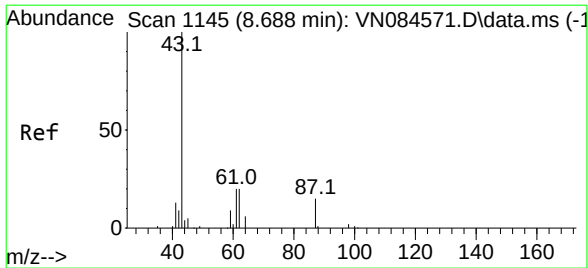
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#42
1,2-Dichloroethane
Concen: 53.208 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

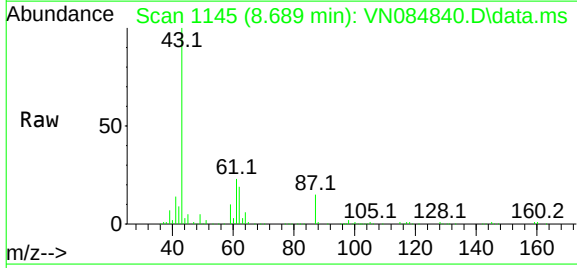
Tgt Ion:	62	Resp:	142212
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43
Isopropyl Acetate
Concen: 54.106 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

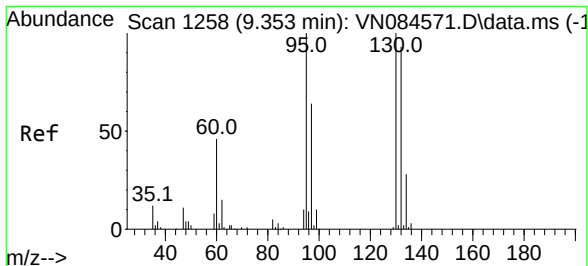
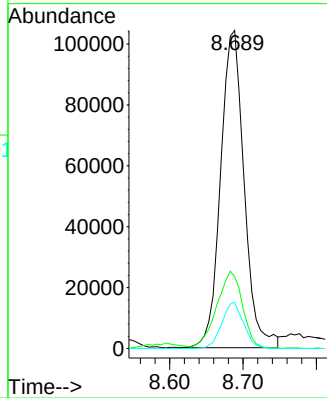
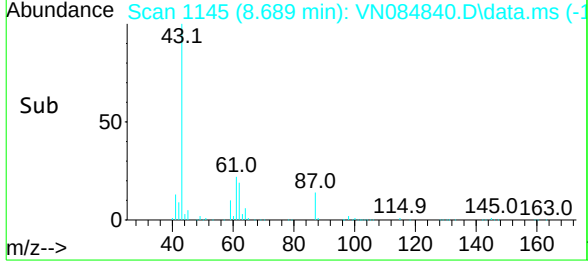
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 232712
Ion Ratio Lower Upper
43 100
61 26.8 20.4 30.6
87 13.4 10.3 15.5

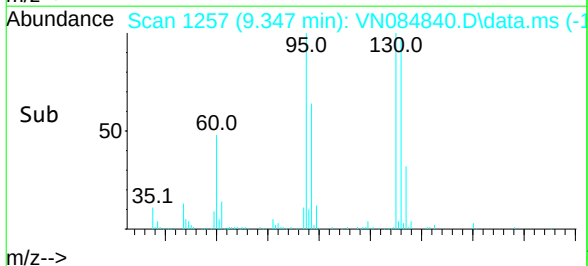
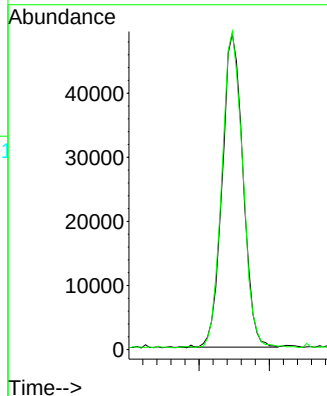
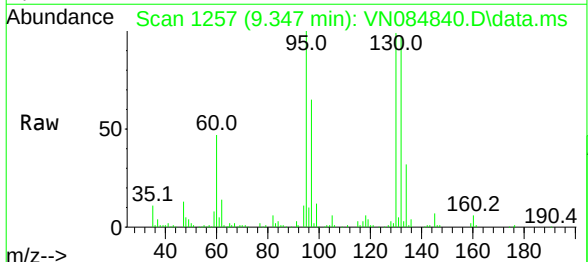
Manual Integrations
APPROVED

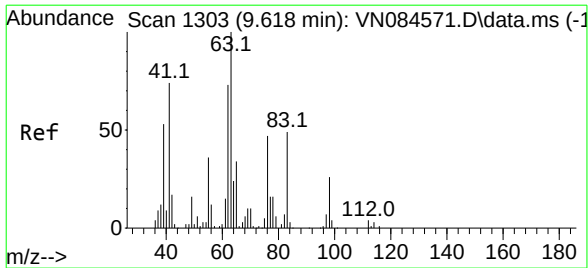
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#44
Trichloroethene
Concen: 52.767 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

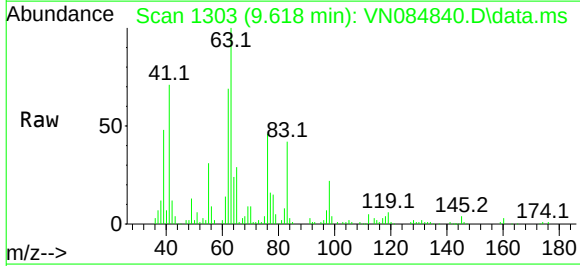
Tgt Ion:130 Resp: 100431
Ion Ratio Lower Upper
130 100
95 100.9 0.0 203.0





#45
1,2-Dichloropropane
Concen: 52.500 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

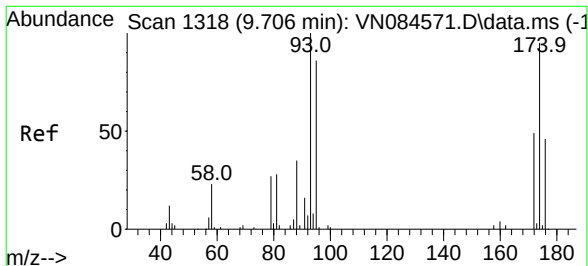
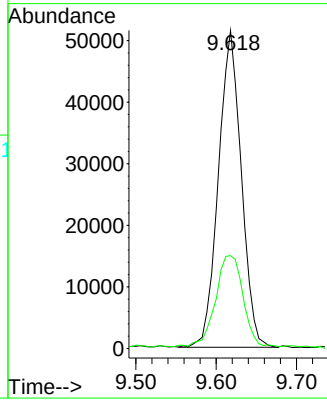
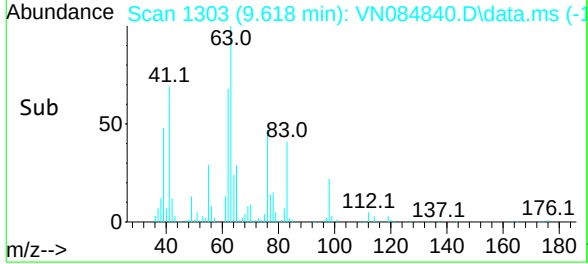
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



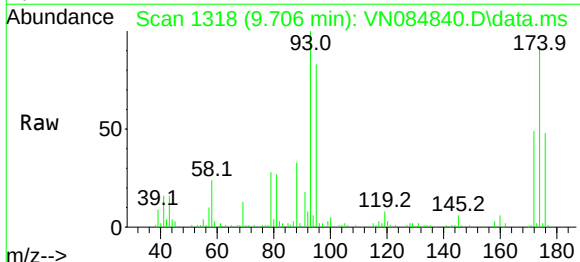
Tgt Ion: 63 Resp: 101637
Ion Ratio Lower Upper
63 100
65 28.7 24.6 37.0

Manual Integrations
APPROVED

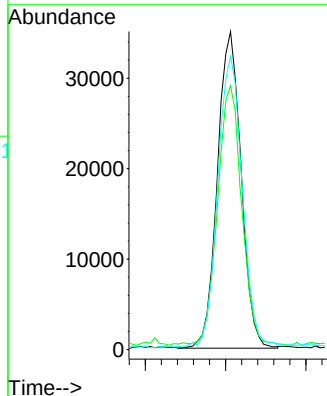
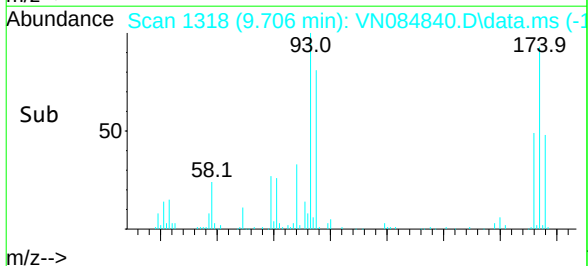
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

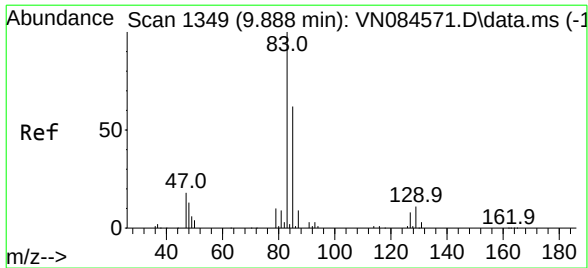


#46
Dibromomethane
Concen: 52.476 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47



Tgt Ion: 93 Resp: 71686
Ion Ratio Lower Upper
93 100
95 83.8 65.0 97.4
174 95.2 71.8 107.8





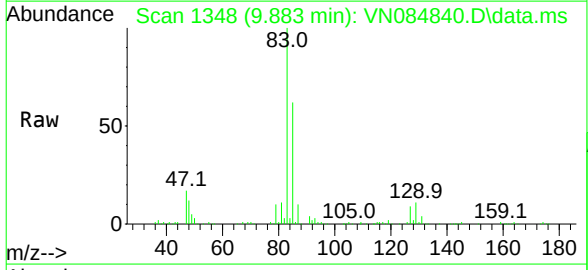
#47
 Bromodichloromethane
 Concen: 53.707 ug/l
 RT: 9.883 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 154654

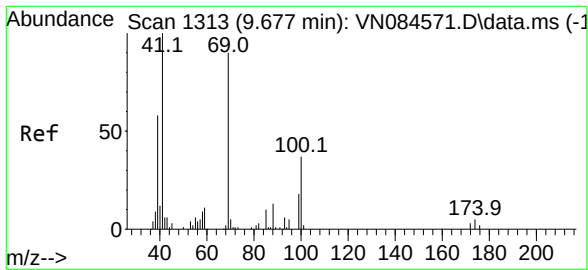
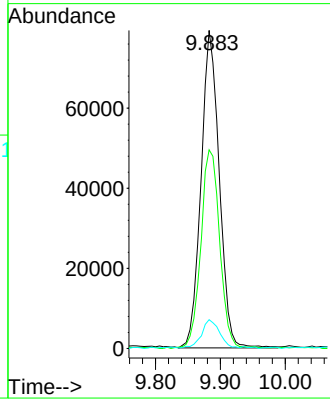
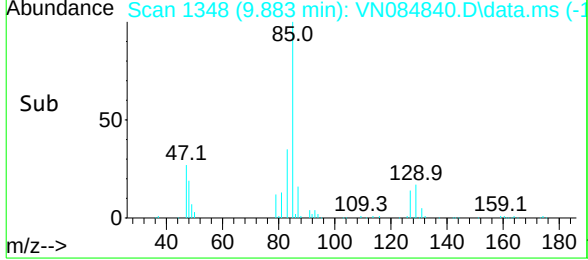
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3
127	8.9	5.7	8.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

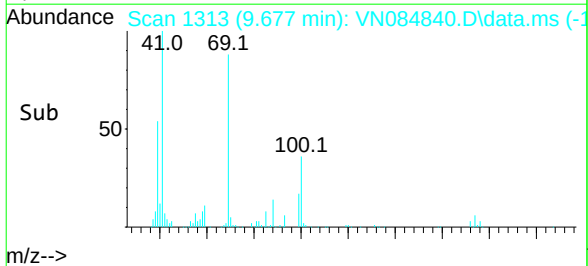
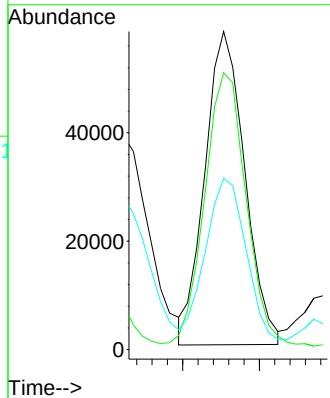
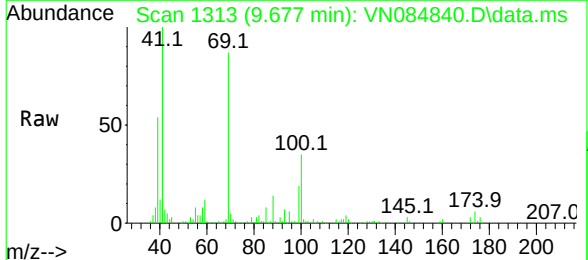
Supervised By :Mahesh Dadoda 11/14/2024

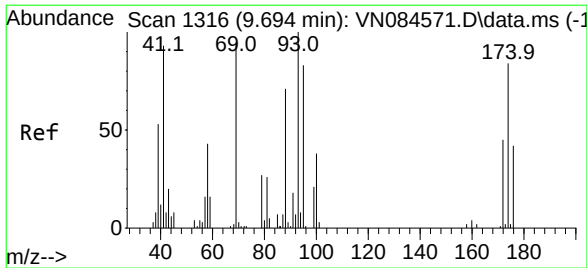


#48
 Methyl methacrylate
 Concen: 57.681 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

Tgt Ion: 41 Resp: 104667

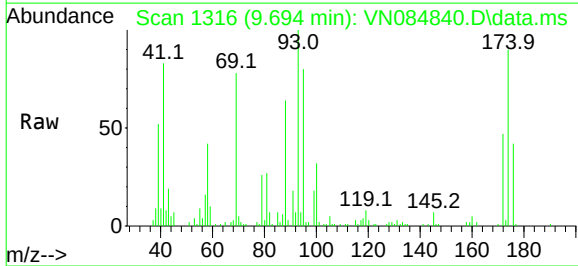
Ion	Ratio	Lower	Upper
41	100		
69	91.8	67.1	100.7
39	57.3	45.8	68.6





#49
1,4-Dioxane
Concen: 1145.865 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

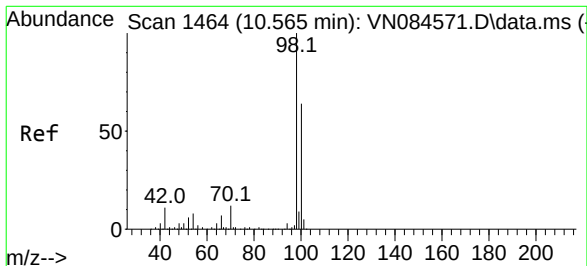
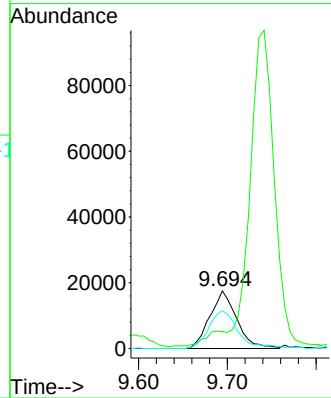
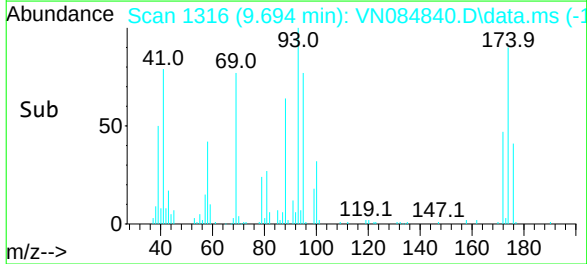
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 36846
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 71.9 56.4 84.6

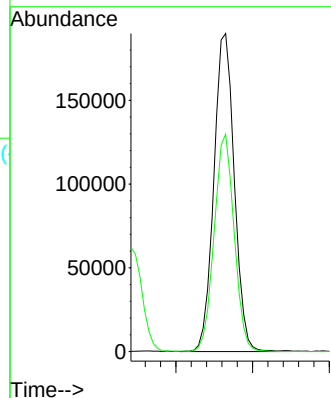
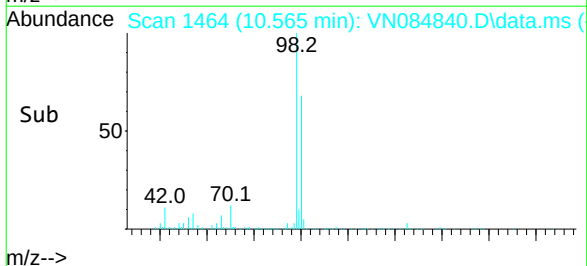
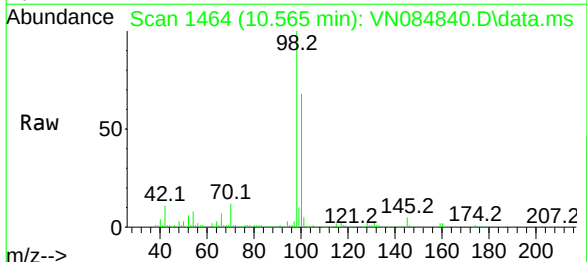
Manual Integrations
APPROVED

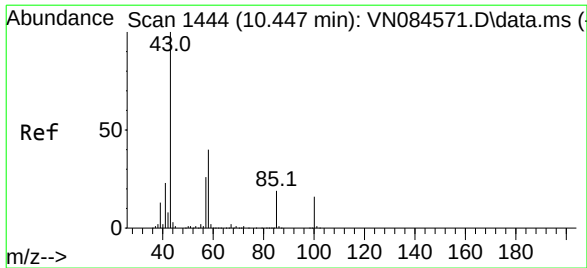
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#50
Toluene-d8
Concen: 51.520 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 98 Resp: 351659
Ion Ratio Lower Upper
98 100
100 66.9 52.7 79.1





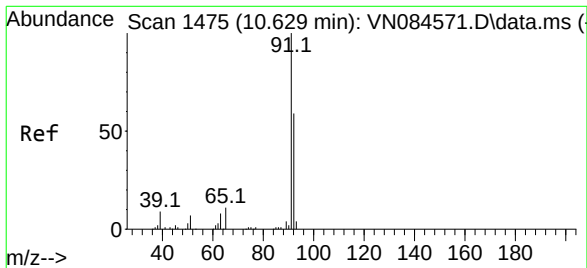
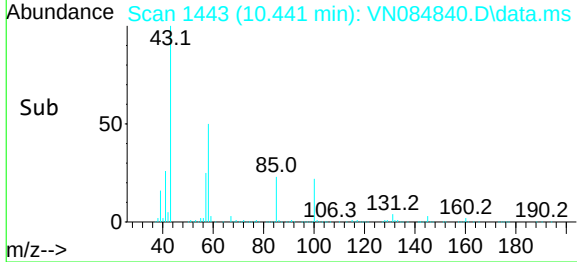
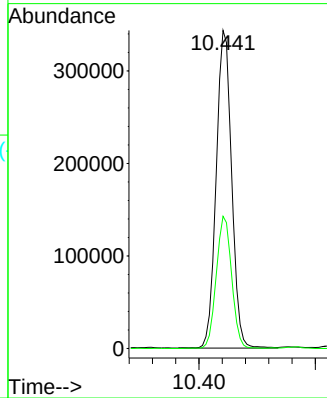
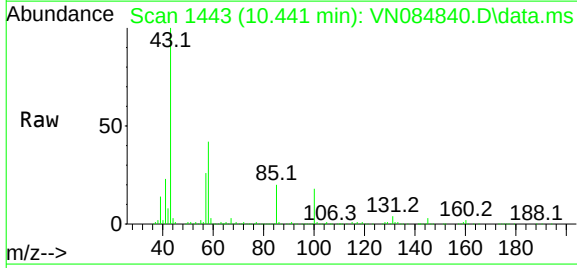
#51
4-Methyl-2-Pentanone
Concen: 284.556 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 632475
Ion Ratio Lower Upper
43 100
58 41.5 31.6 47.4

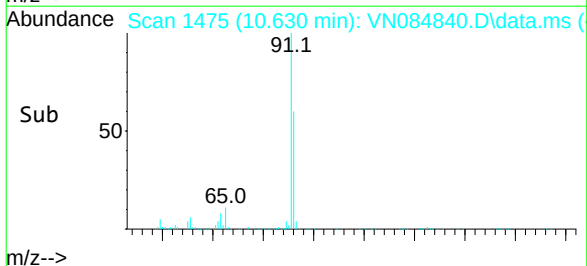
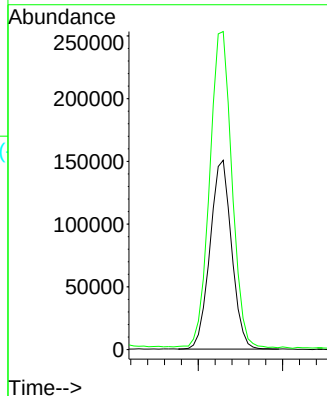
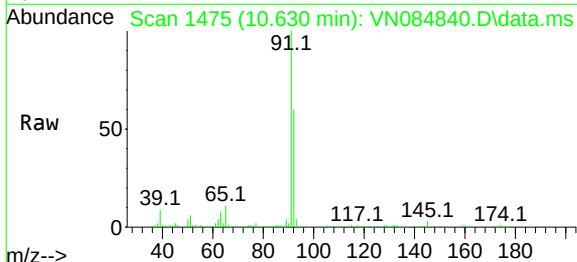
Manual Integrations
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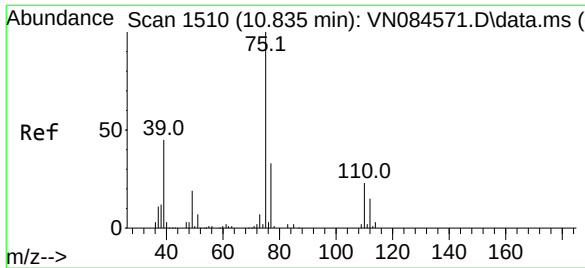
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#52
Toluene
Concen: 55.396 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 92 Resp: 267378
Ion Ratio Lower Upper
92 100
91 174.3 137.3 205.9





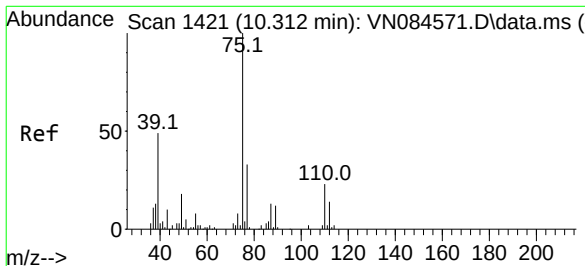
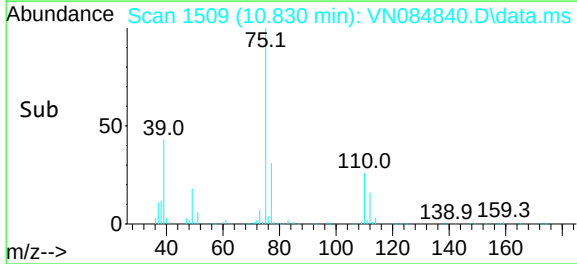
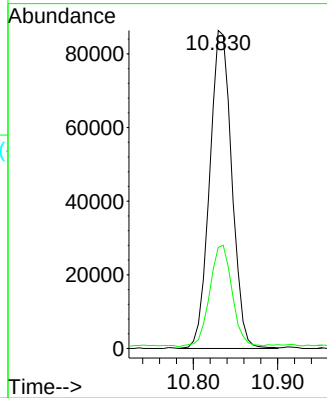
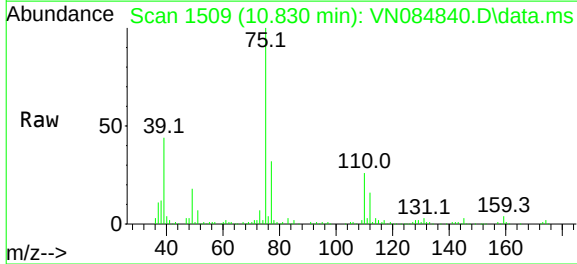
#53
t-1,3-Dichloropropene
Concen: 52.877 ug/l
RT: 10.830 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 157611
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

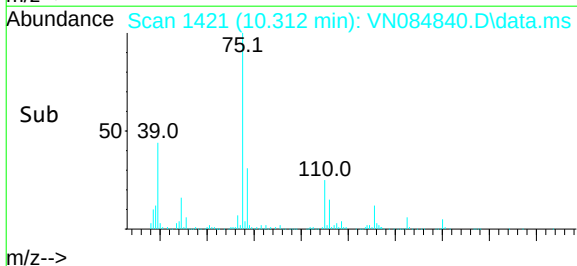
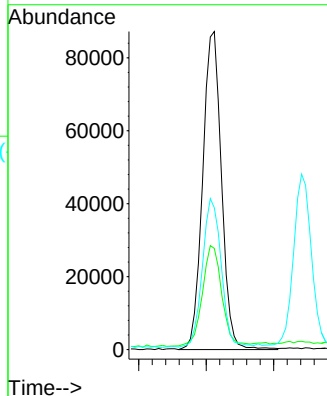
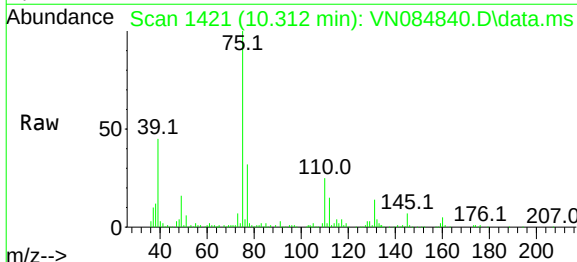
Manual Integrations
APPROVED

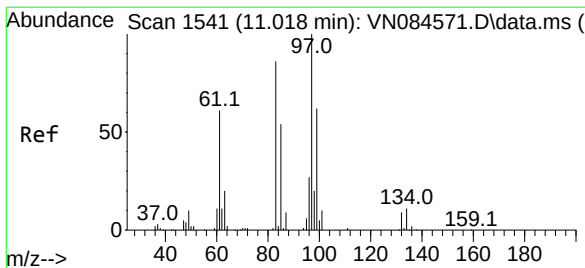
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#54
cis-1,3-Dichloropropene
Concen: 53.623 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

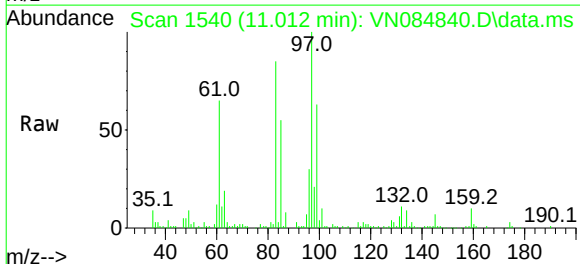
Tgt Ion: 75 Resp: 169165
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.2
39 43.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 53.582 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

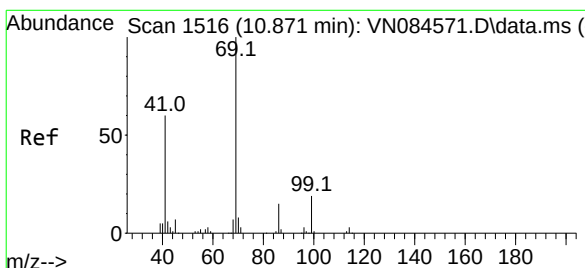
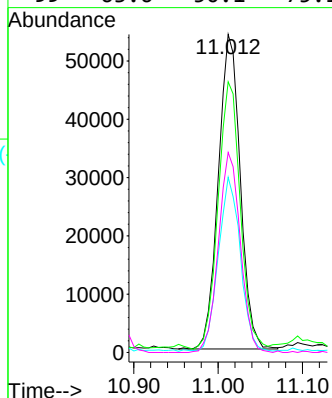
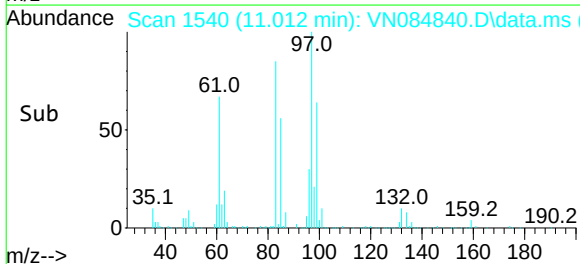
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	97419
Ion	Ratio	Lower	Upper
97	100		
83	83.5	71.0	106.4
85	55.3	41.7	62.5
99	63.6	50.1	75.1

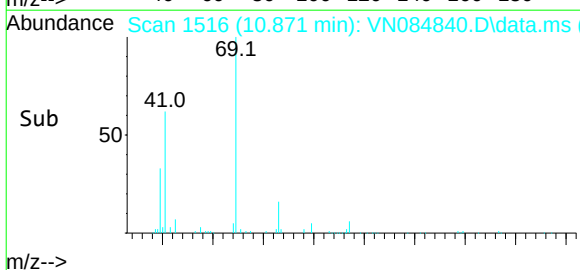
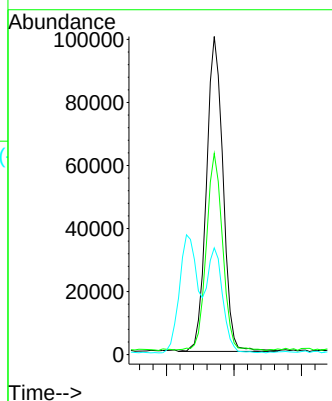
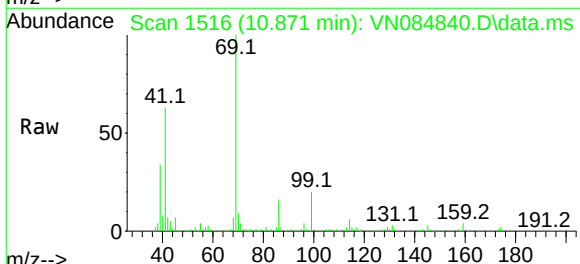
Manual Integrations
APPROVED

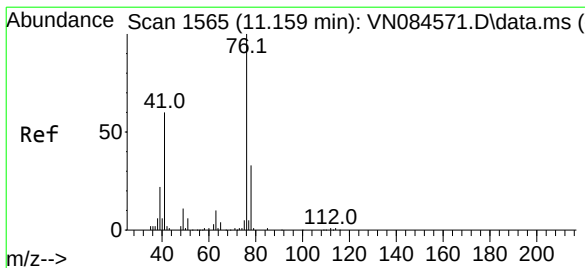
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#56
Ethyl methacrylate
Concen: 64.752 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion:	69	Resp:	170290
Ion	Ratio	Lower	Upper
69	100		
41	61.5	53.3	79.9
39	30.9	28.8	43.2





#57

1,3-Dichloropropane

Concen: 55.355 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 172727

Ion Ratio Lower Upper

76 100

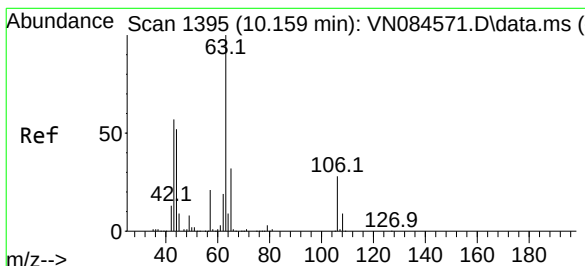
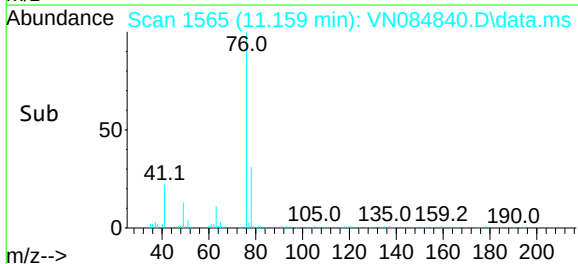
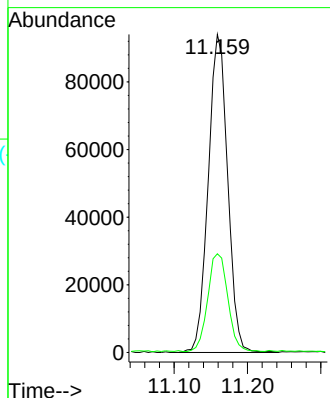
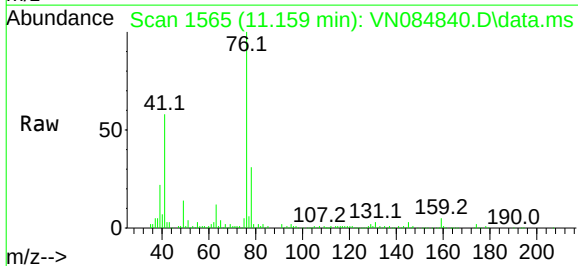
78 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 291.826 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN084840.D

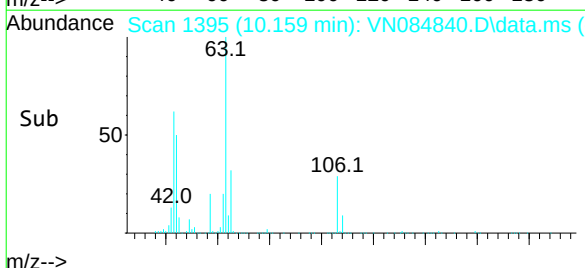
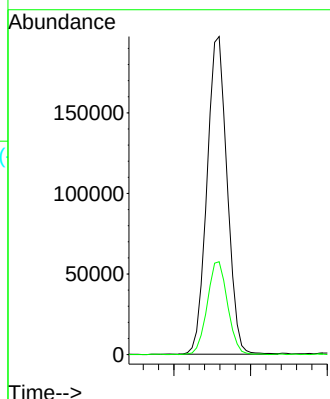
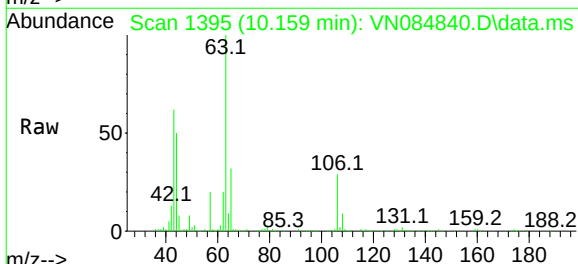
Acq: 13 Nov 2024 20:47

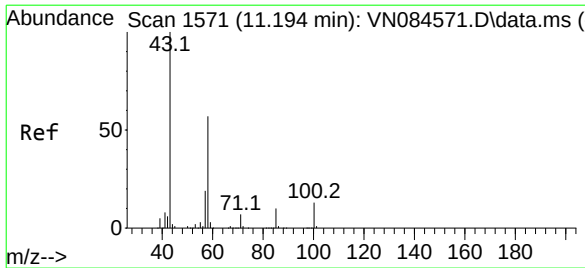
Tgt Ion: 63 Resp: 359121

Ion Ratio Lower Upper

63 100

106 29.6 21.8 32.6





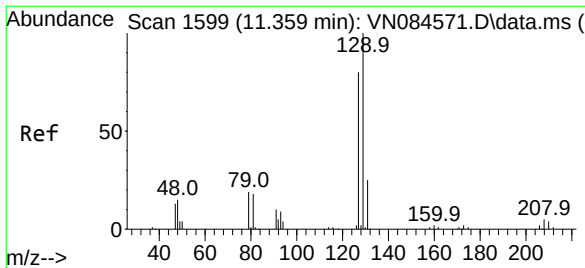
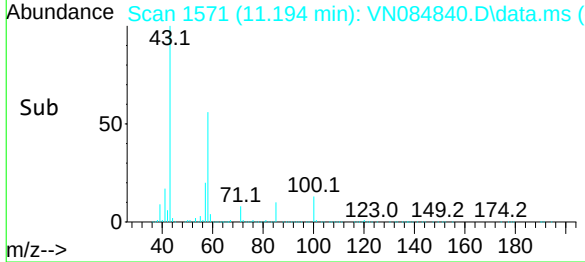
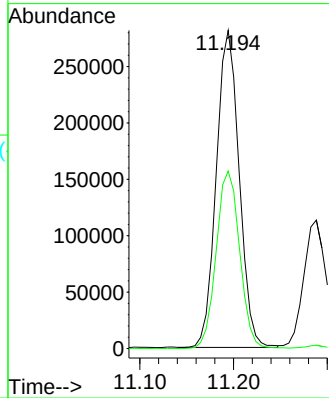
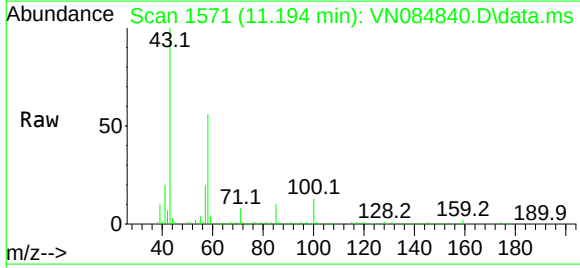
#59
2-Hexanone
Concen: 294.678 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 476745
Ion Ratio Lower Upper
43 100
58 57.4 27.3 81.8

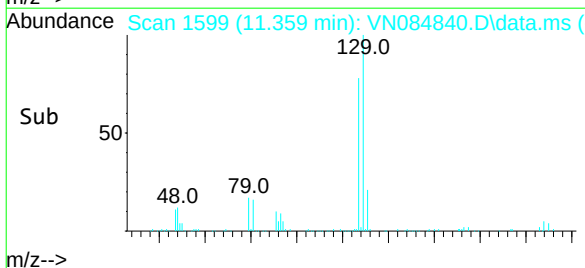
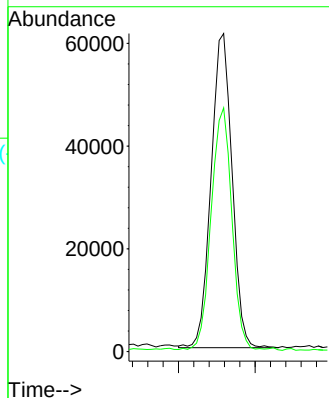
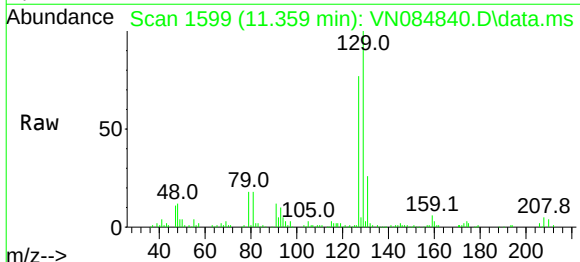
Manual Integrations
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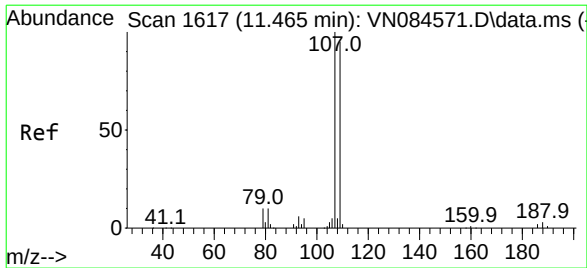
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#60
Dibromochloromethane
Concen: 56.047 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

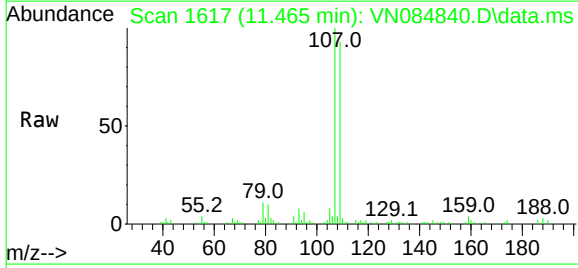
Tgt Ion:129 Resp: 116137
Ion Ratio Lower Upper
129 100
127 75.4 38.3 114.9





#61
1,2-Dibromoethane
Concen: 54.767 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

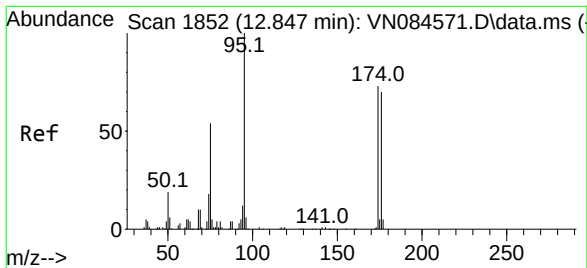
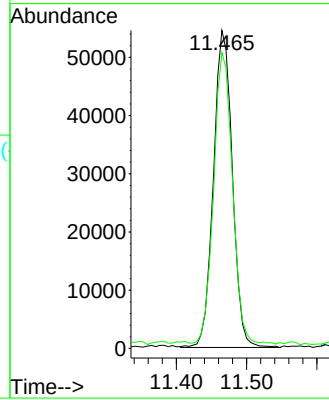
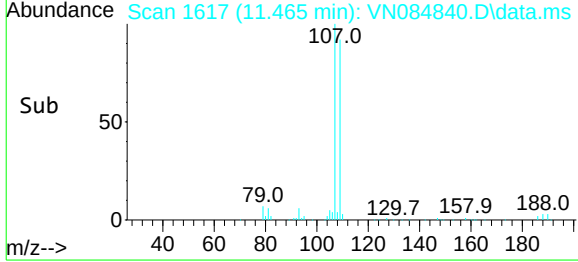
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 101967
Ion Ratio Lower Upper
107 100
109 91.8 75.4 113.0

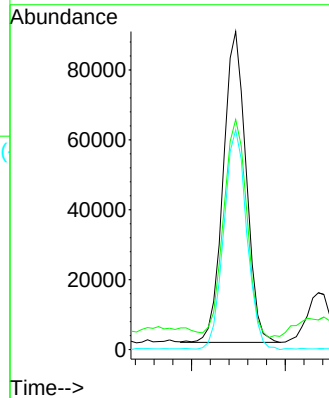
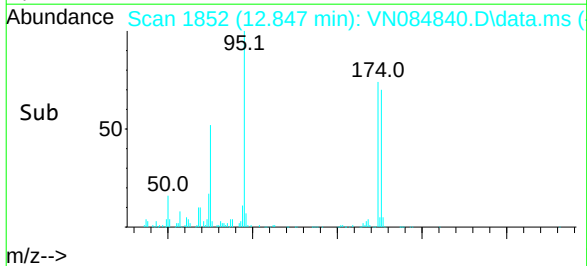
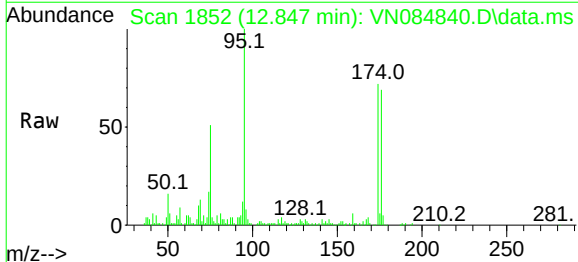
Manual Integrations
APPROVED

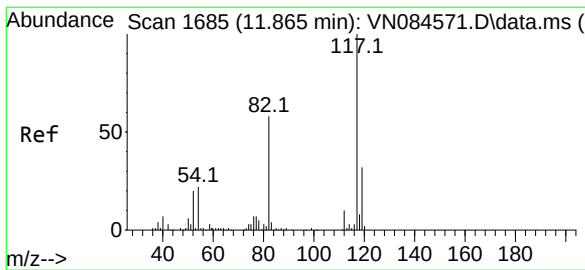
Reviewed By : John Carlone 11/14/2024
Supervised By : Mahesh Dadoda 11/14/2024



#62
4-Bromofluorobenzene
Concen: 58.959 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 95 Resp: 150402
Ion Ratio Lower Upper
95 100
174 71.0 0.0 145.2
176 70.7 0.0 140.0





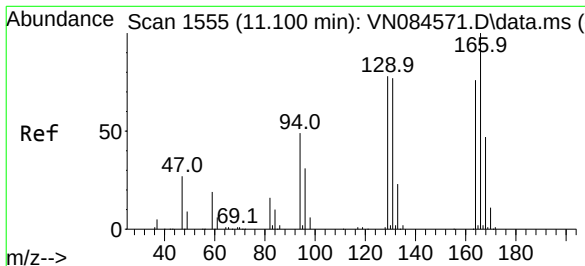
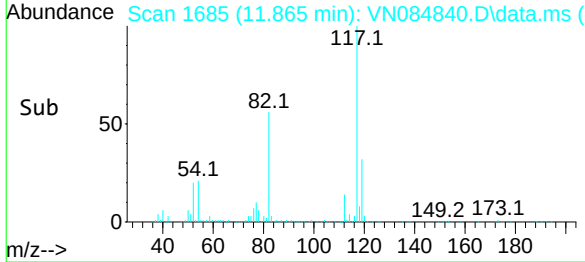
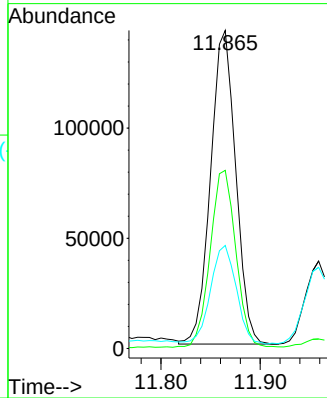
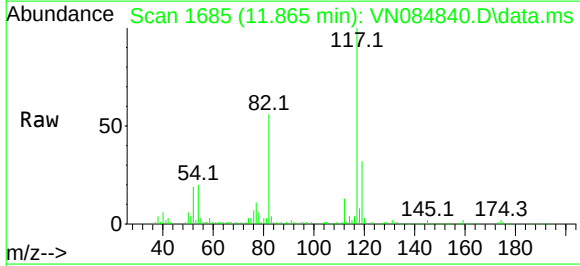
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	250604
Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.2	70.8
119	31.3	25.4	38.0

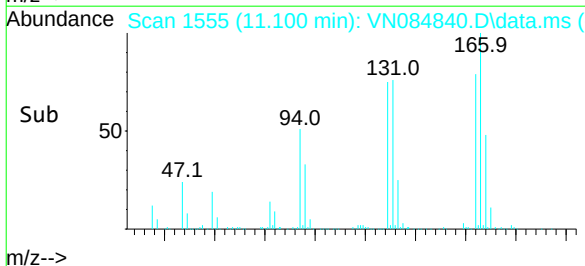
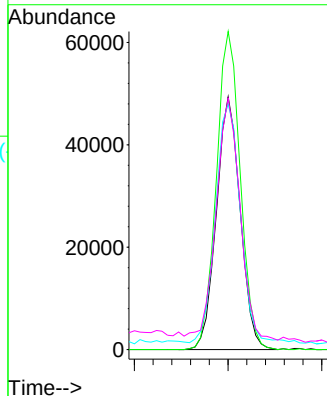
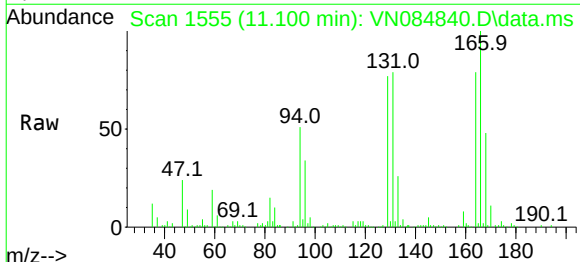
Manual Integrations
APPROVED

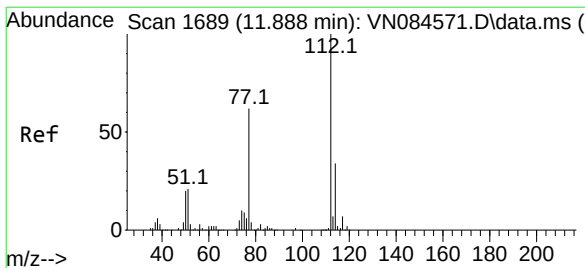
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#64
Tetrachloroethene
Concen: 52.289 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion:	164	Resp:	87162
Ion	Ratio	Lower	Upper
164	100		
166	125.8	101.0	151.4
129	93.8	80.8	121.2
131	95.7	78.1	117.1





#65

Chlorobenzene

Concen: 50.900 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 285367

Ion Ratio Lower Upper

112 100

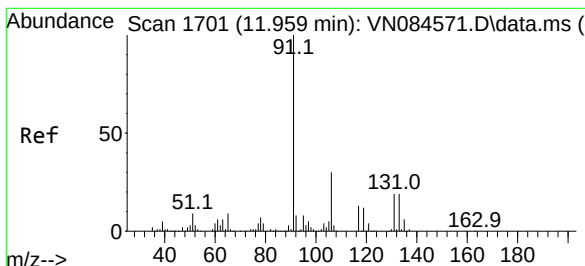
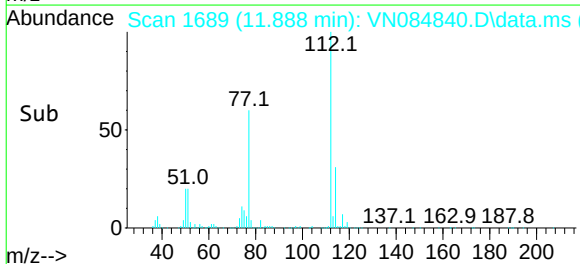
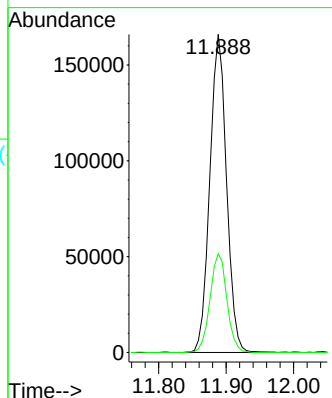
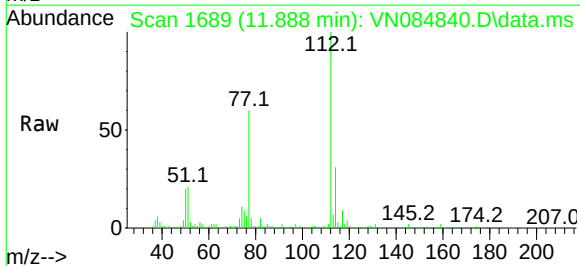
114 31.1 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 53.569 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

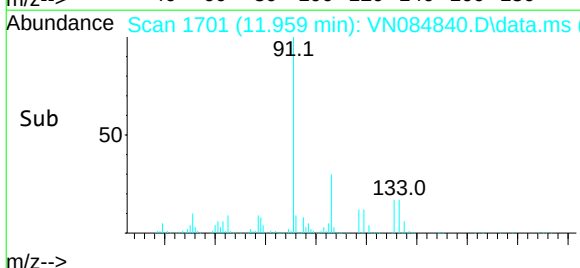
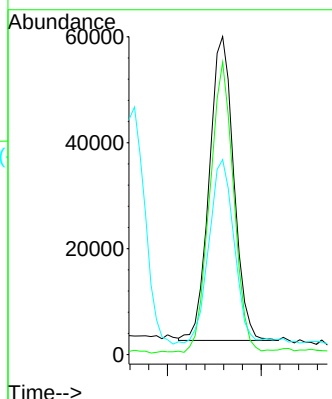
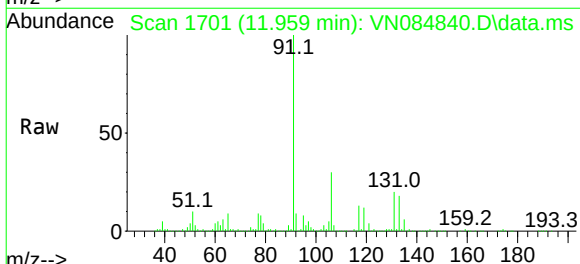
Tgt Ion:131 Resp: 104465

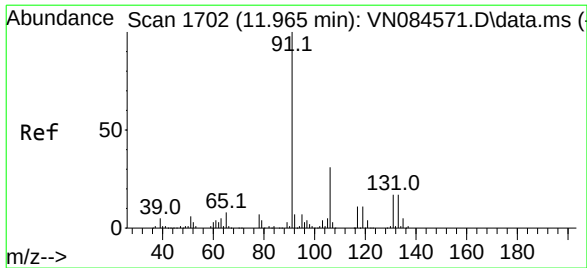
Ion Ratio Lower Upper

131 100

133 92.4 47.9 143.7

119 61.2 32.8 98.3





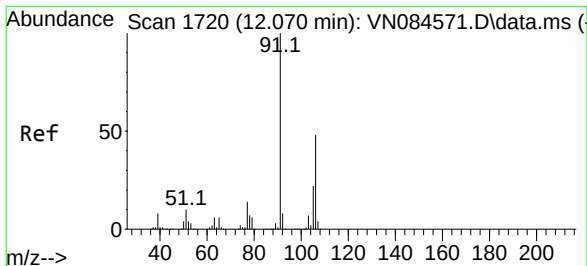
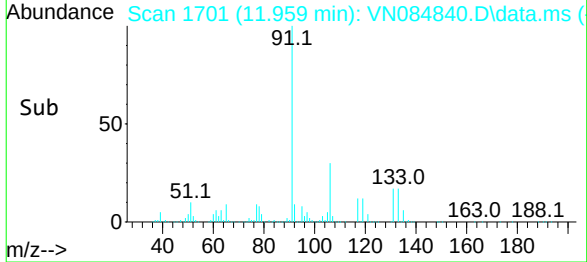
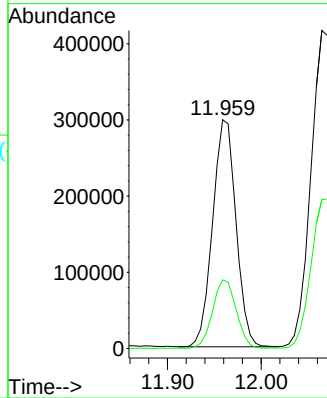
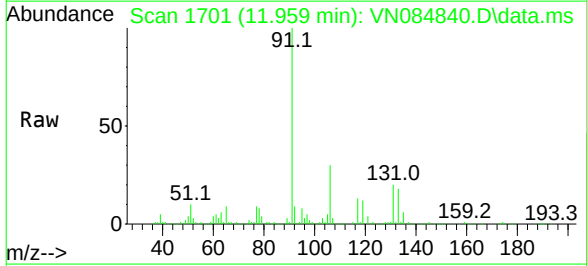
#67
Ethyl Benzene
Concen: 55.195 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 516533
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7

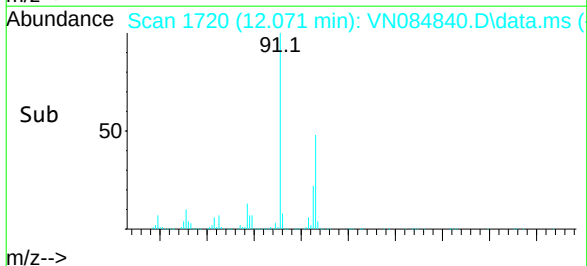
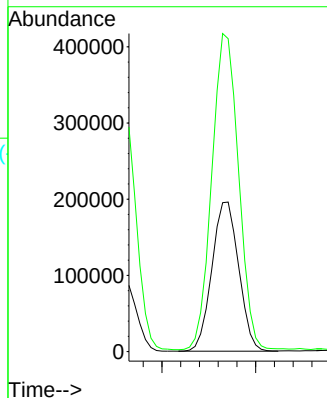
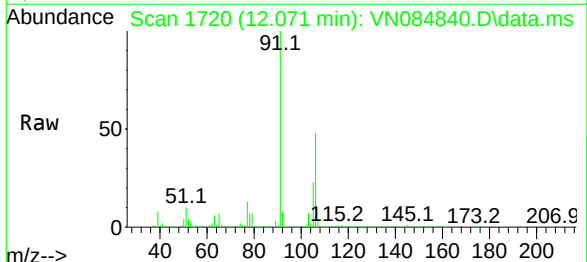
Manual Integrations
APPROVED

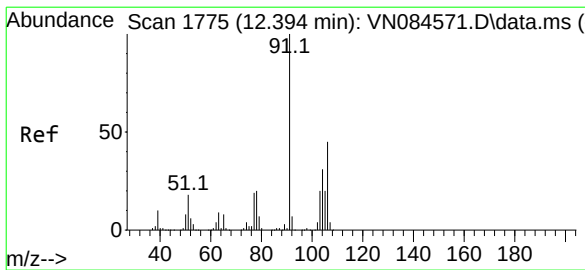
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#68
m/p-Xylenes
Concen: 109.725 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion:106 Resp: 388754
Ion Ratio Lower Upper
106 100
91 211.0 167.1 250.7





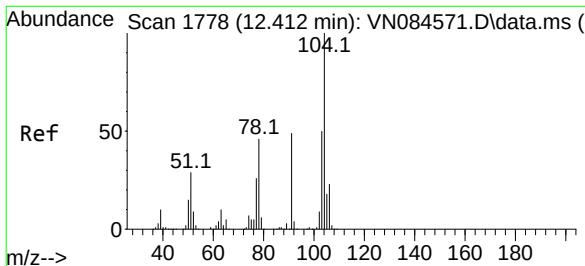
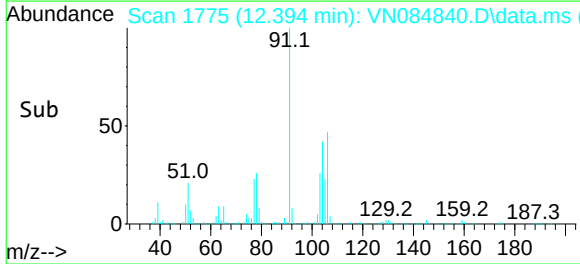
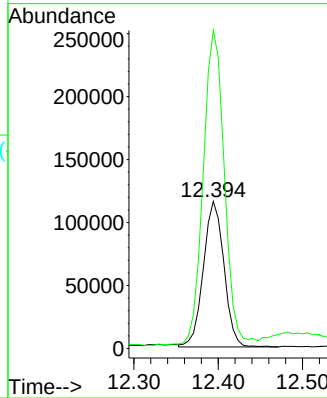
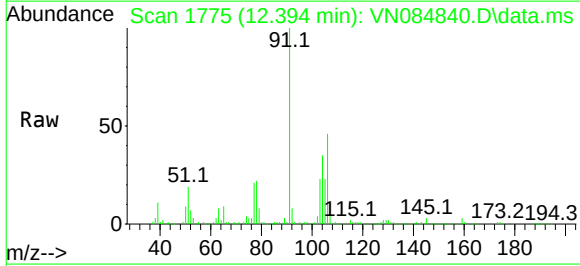
#69
o-Xylene
Concen: 59.211 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 196248
Ion Ratio Lower Upper
106 100
91 222.8 110.2 330.6

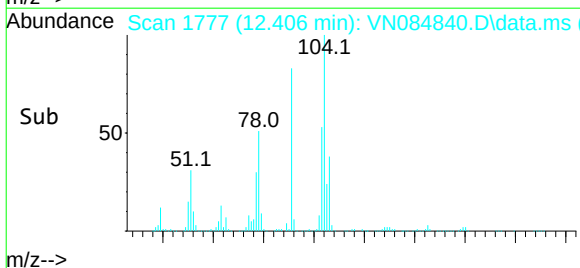
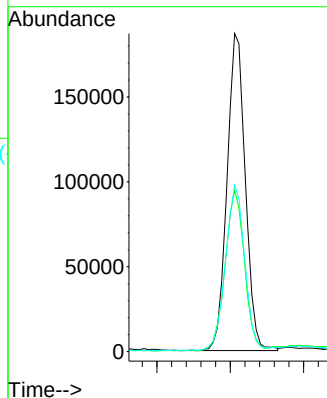
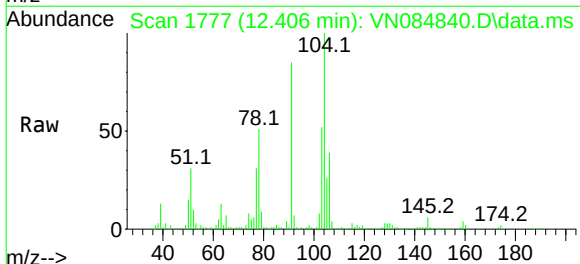
Manual Integrations
APPROVED

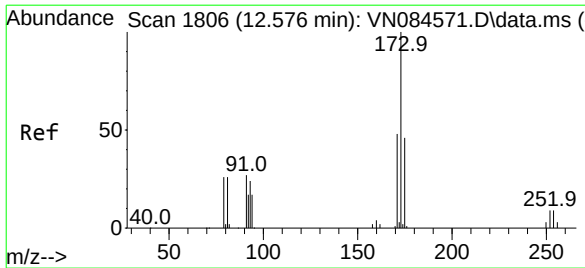
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#70
Styrene
Concen: 56.027 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion:104 Resp: 323933
Ion Ratio Lower Upper
104 100
78 53.2 42.7 64.1
103 55.0 43.6 65.4





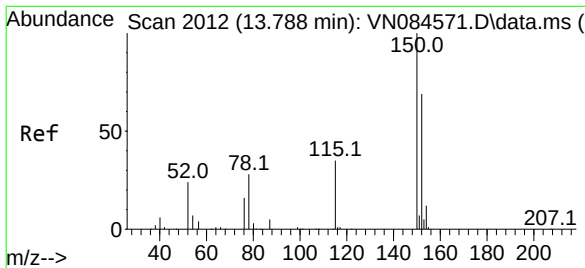
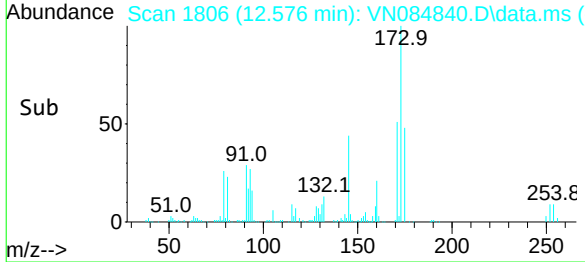
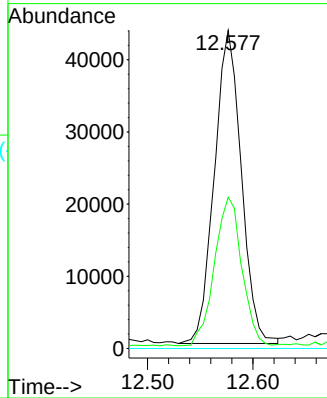
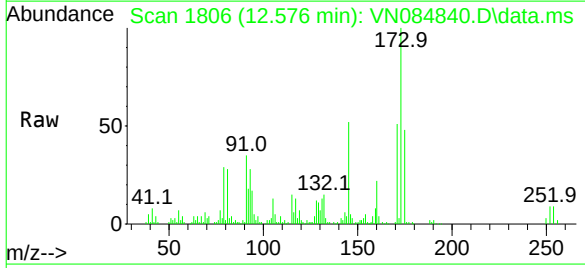
#71
Bromoform
Concen: 52.522 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.5	70.6
254	0.0	0.0	0.0

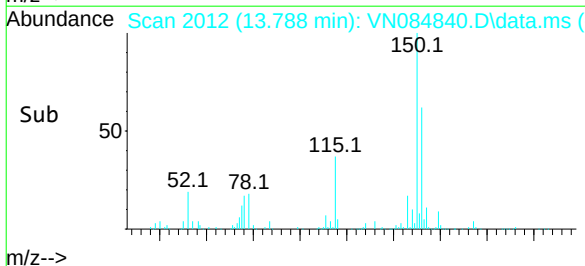
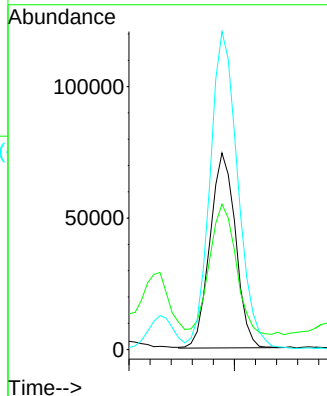
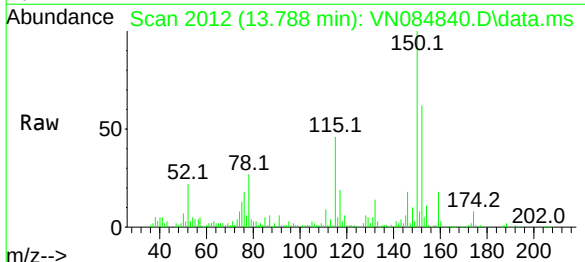
Manual Integrations
APPROVED

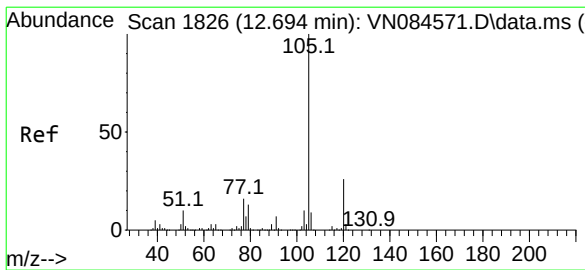
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

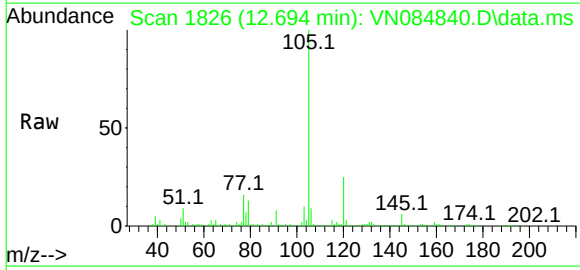
Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.3	31.3	93.9
150	176.6	0.0	349.8





#73
Isopropylbenzene
Concen: 55.856 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

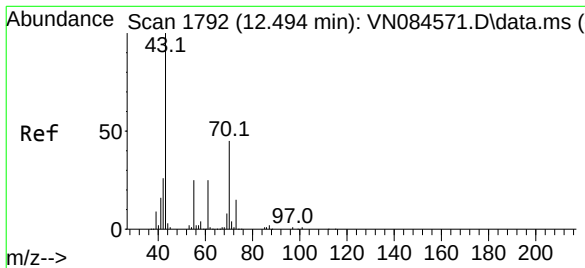
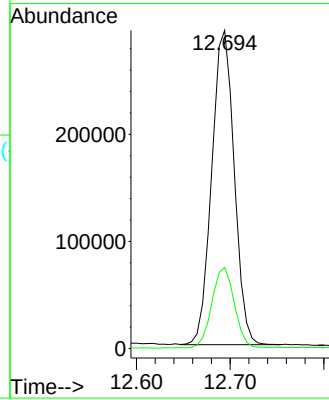
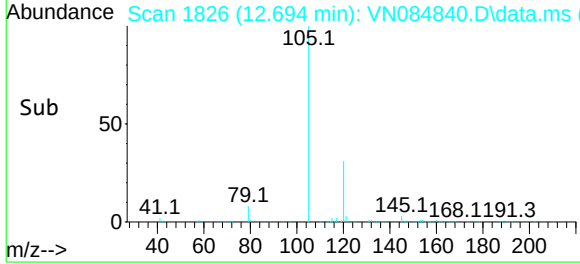
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 489043
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7

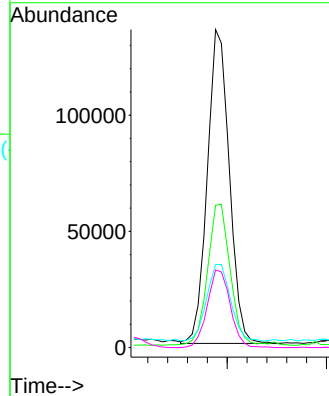
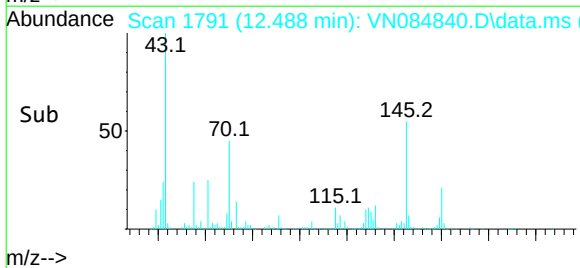
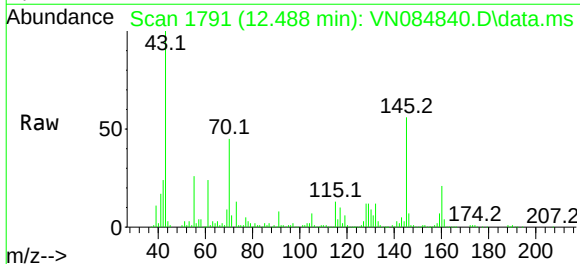
Manual Integrations
APPROVED

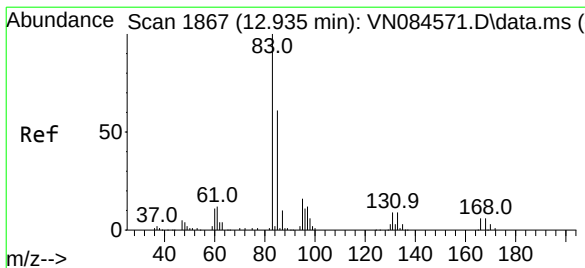
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#74
N-ethyl acetate
Concen: 55.794 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 43 Resp: 207914
Ion Ratio Lower Upper
43 100
70 46.2 34.4 51.6
55 26.3 19.6 29.4
61 25.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.156 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

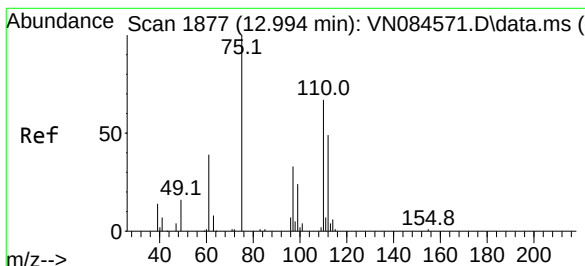
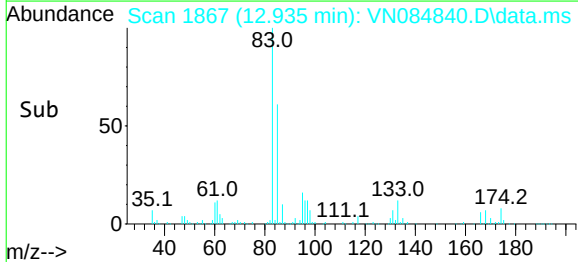
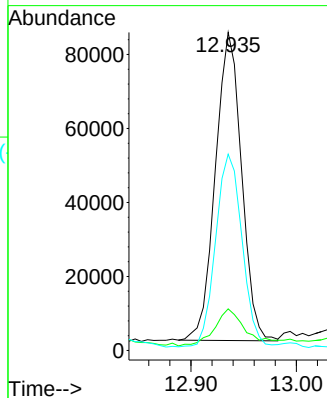
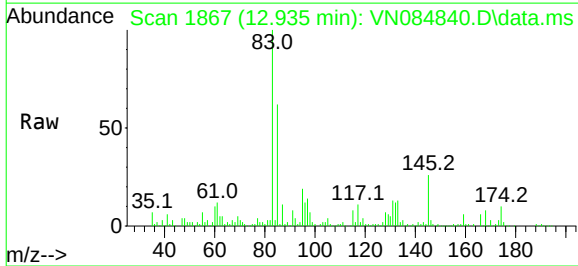
Tgt Ion: 83	Resp: 143656
Ion Ratio	Lower Upper
83 100	
131 14.3	4.9 14.7
85 63.1	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#76

1,2,3-Trichloropropane

Concen: 51.341 ug/l m

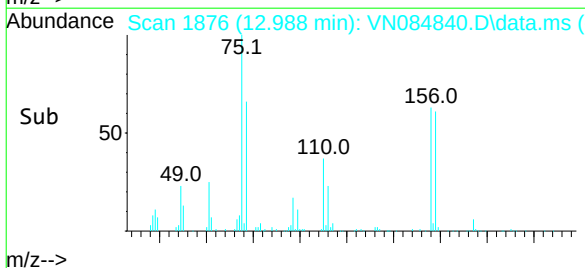
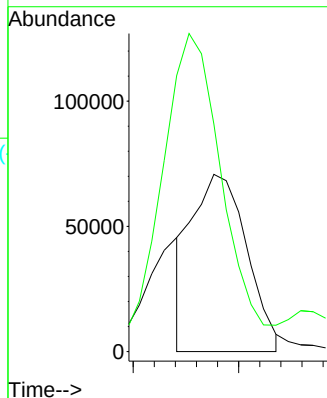
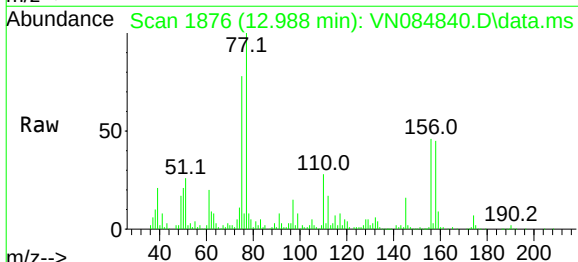
RT: 12.988 min Scan# 1876

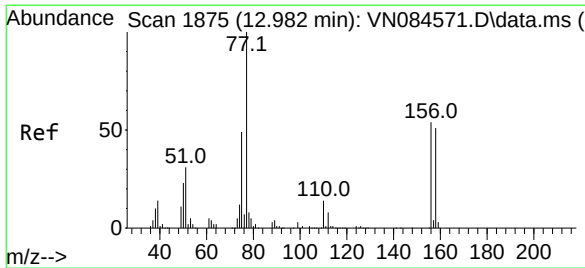
Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Tgt Ion: 75	Resp: 128222
Ion Ratio	Lower Upper
75 100	
77 197.6	96.9 290.7





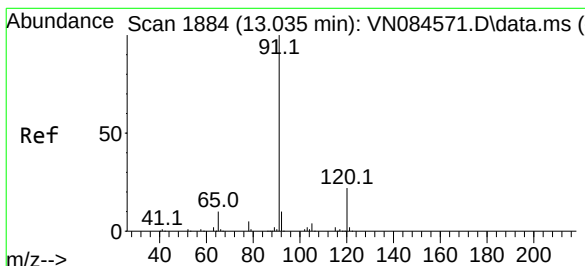
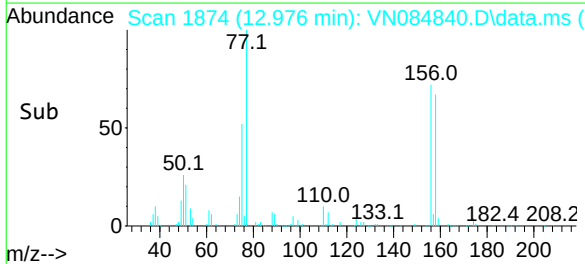
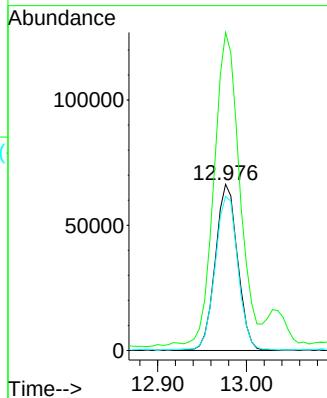
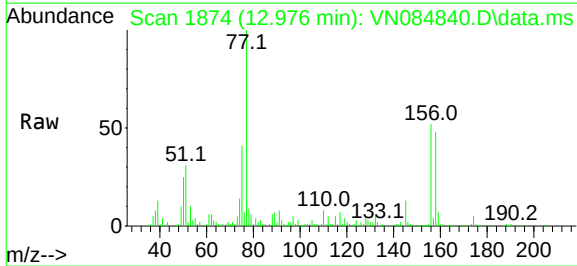
#77
Bromobenzene
Concen: 49.156 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 115700
Ion Ratio Lower Upper
156 100
77 219.0 115.1 345.3
158 96.2 48.9 146.8

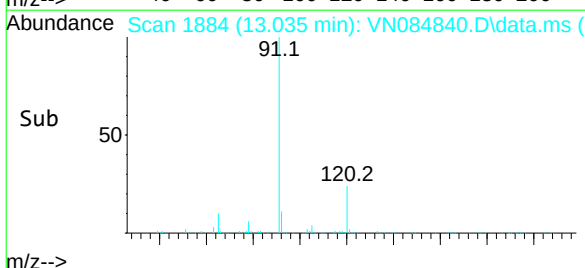
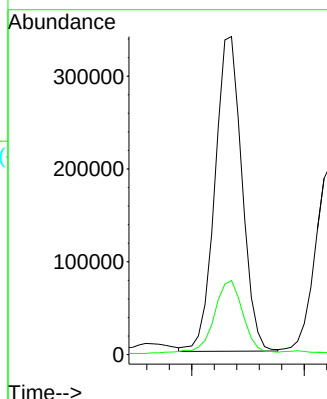
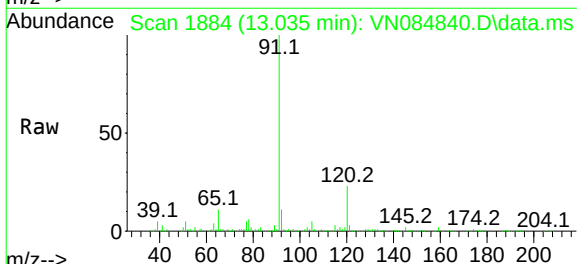
Manual Integrations
APPROVED

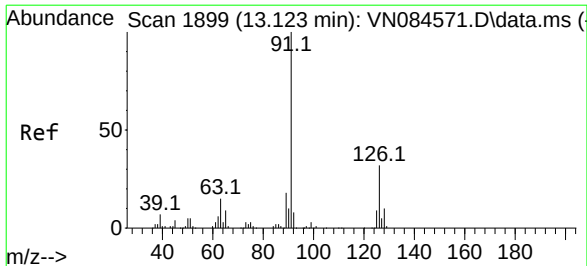
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#78
n-propylbenzene
Concen: 55.062 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 91 Resp: 564929
Ion Ratio Lower Upper
91 100
120 25.8 10.8 32.4





#79

2-Chlorotoluene

Concen: 52.912 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 354716

Ion Ratio Lower Upper

91 100

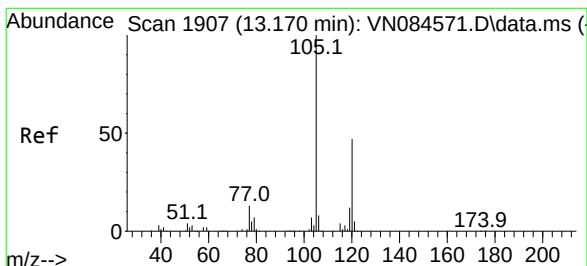
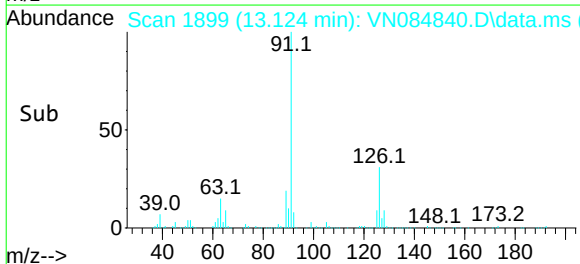
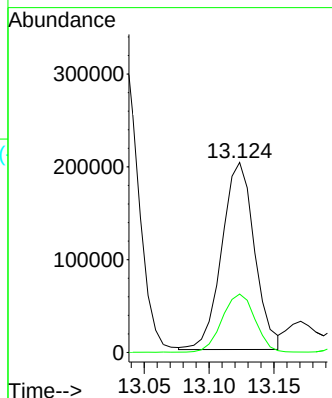
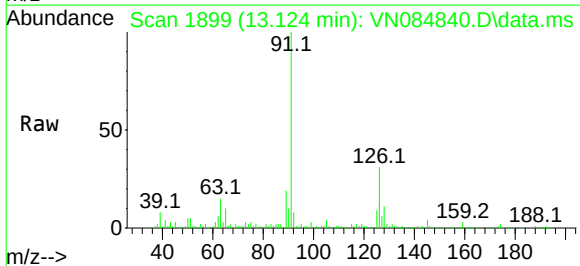
126 31.3 15.7 47.1

Manual Integrations

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Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 56.082 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084840.D

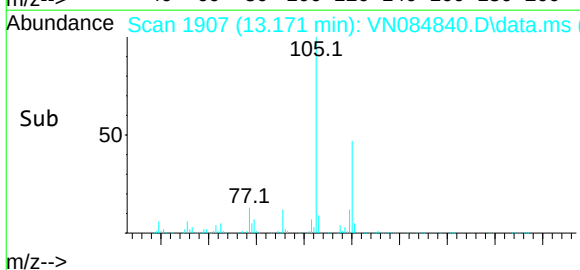
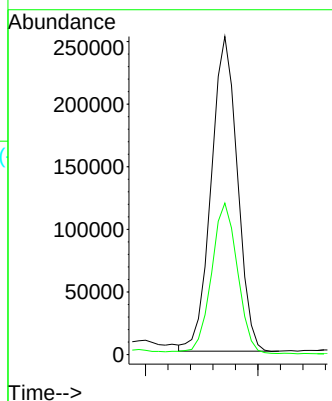
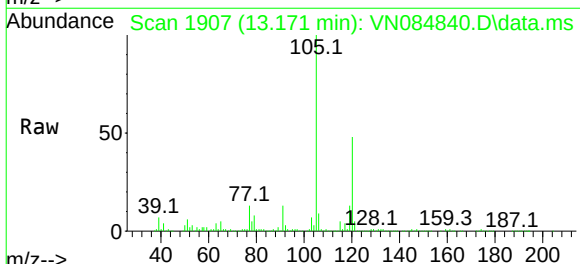
Acq: 13 Nov 2024 20:47

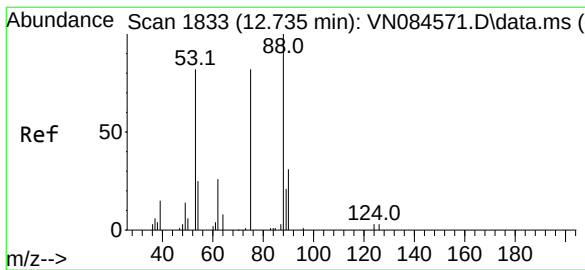
Tgt Ion:105 Resp: 406969

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1





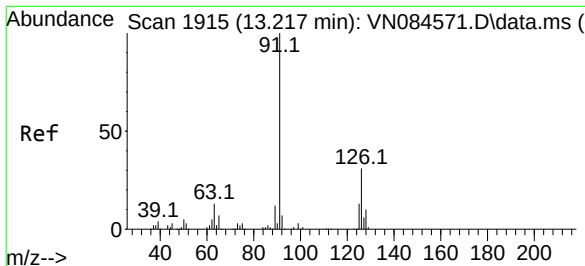
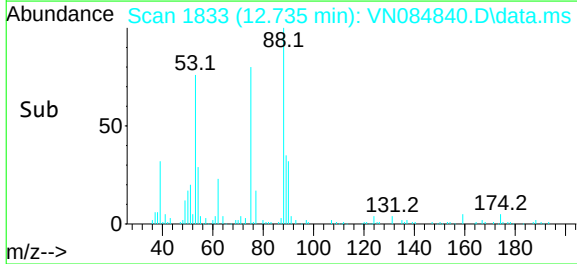
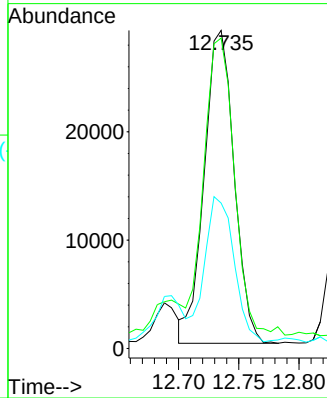
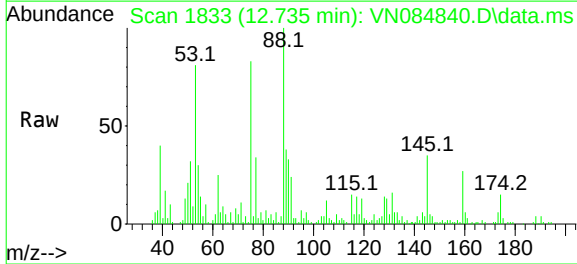
#81
trans-1,4-Dichloro-2-butene
Concen: 47.438 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 49939
Ion Ratio Lower Upper
75 100
53 95.0 78.0 117.0
89 45.0 35.5 53.3

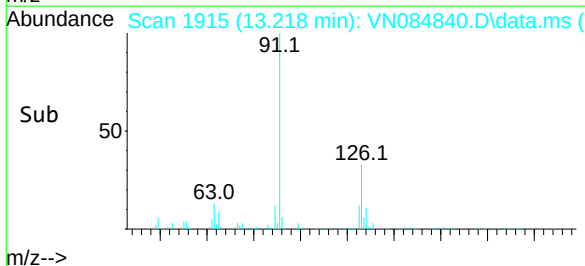
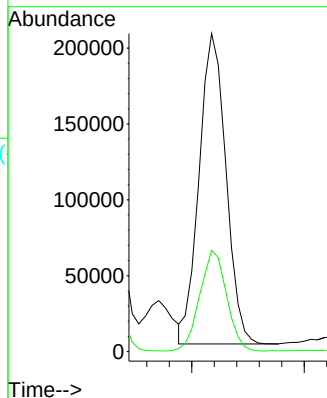
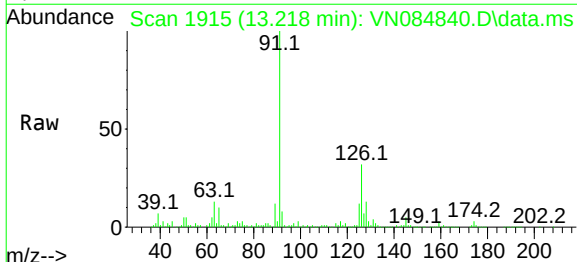
Manual Integrations
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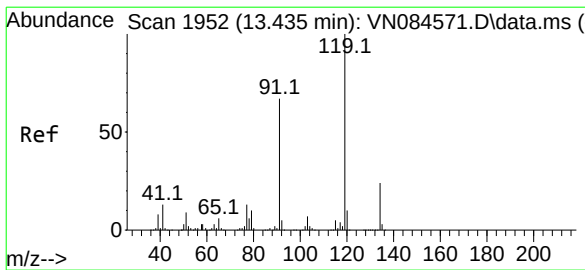
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#82
4-Chlorotoluene
Concen: 48.108 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 91 Resp: 339410
Ion Ratio Lower Upper
91 100
126 32.4 15.7 47.1





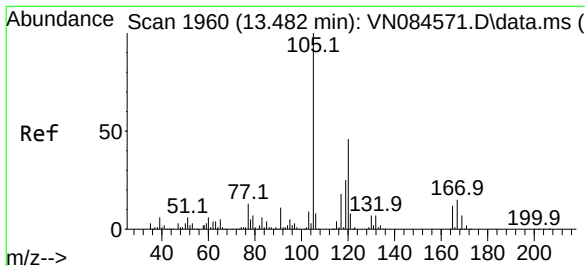
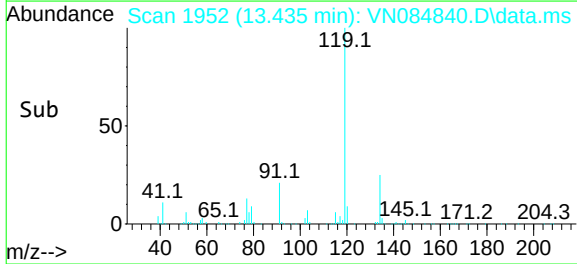
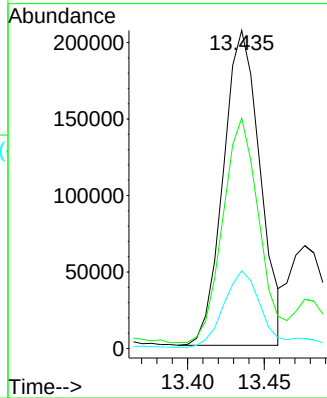
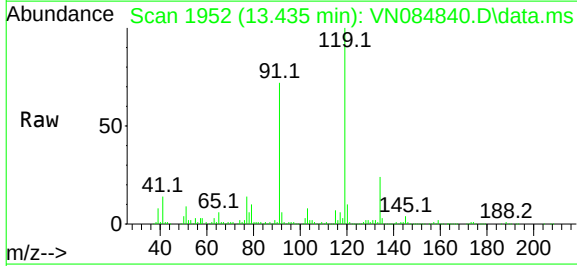
#83
tert-Butylbenzene
Concen: 57.302 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 344140
Ion Ratio Lower Upper
119 100
91 70.3 34.1 102.3
134 27.1 12.8 38.4

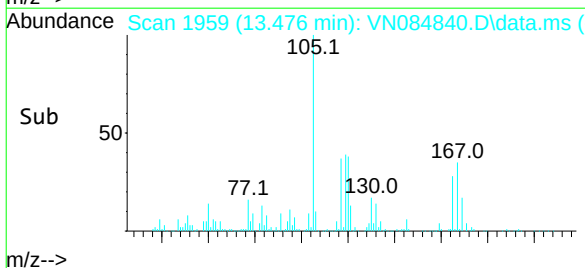
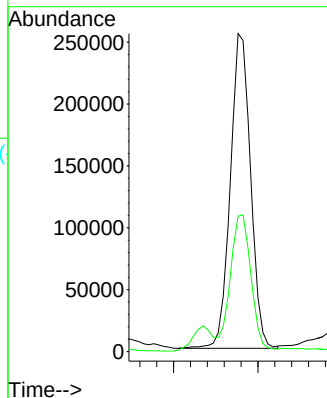
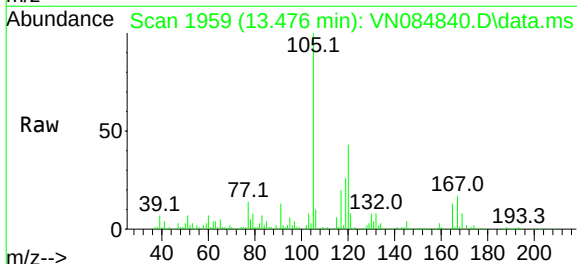
Manual Integrations
APPROVED

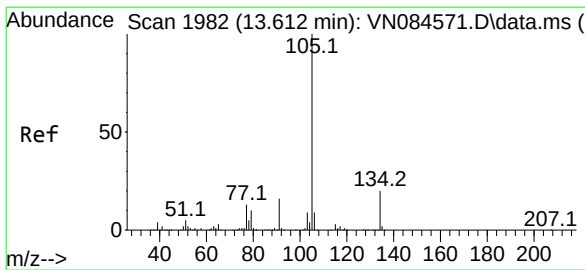
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.624 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion:105 Resp: 424088
Ion Ratio Lower Upper
105 100
120 42.5 22.3 66.8





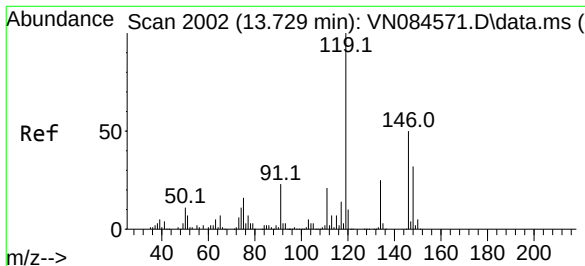
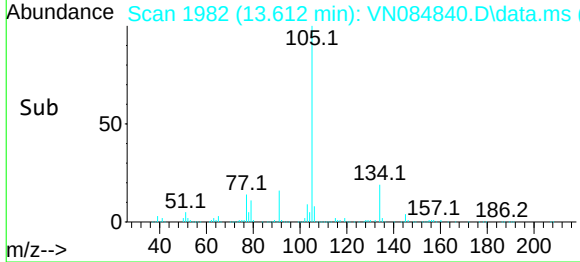
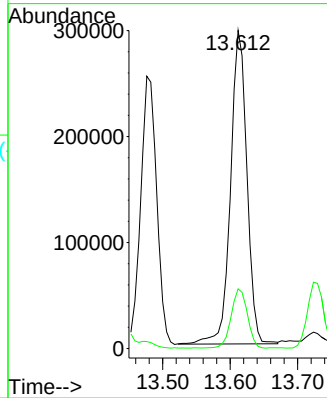
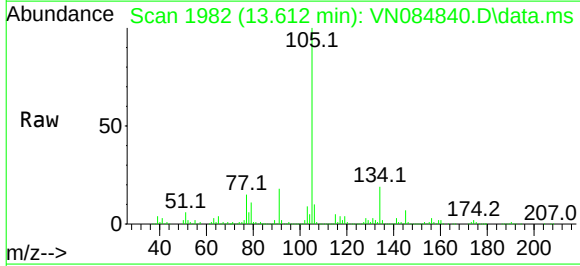
#85
 sec-Butylbenzene
 Concen: 58.830 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 499081
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

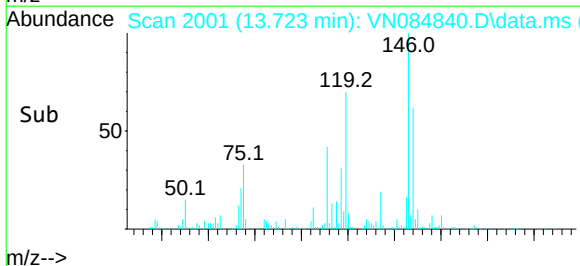
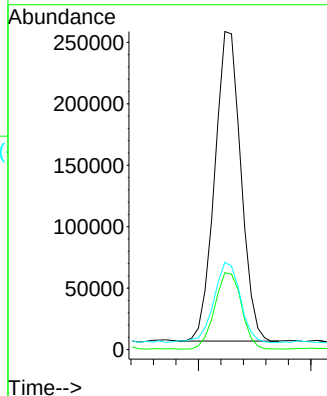
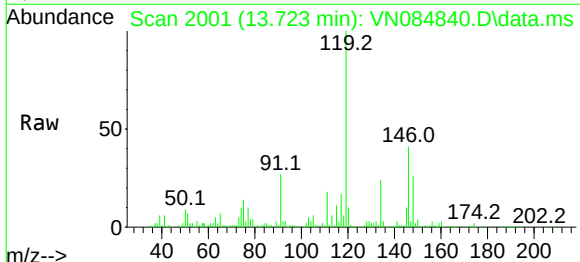
Manual Integrations
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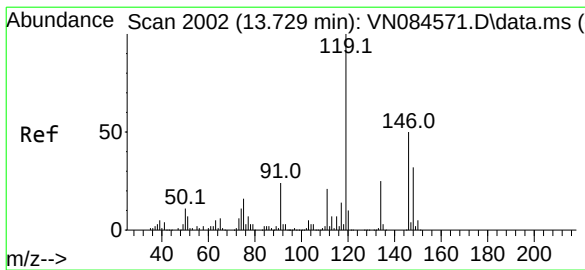
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#86
 p-Isopropyltoluene
 Concen: 58.604 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084840.D
 Acq: 13 Nov 2024 20:47

Tgt Ion:119 Resp: 407741
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 26.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.630 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

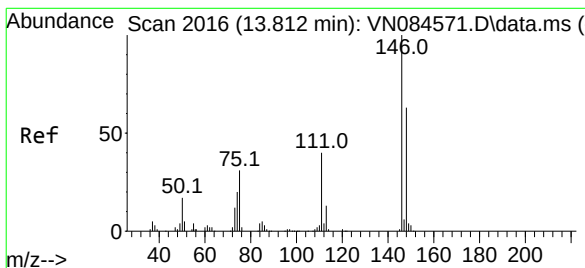
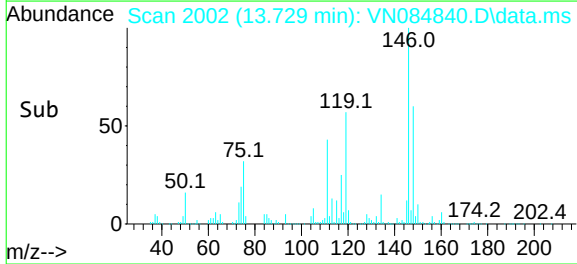
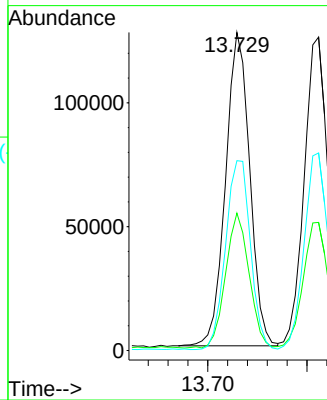
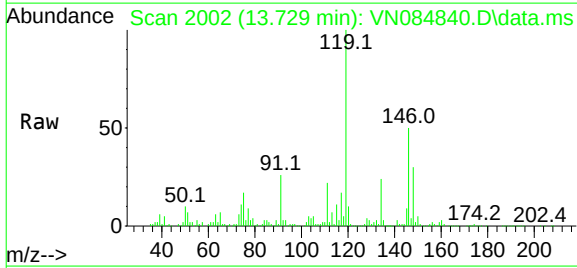
Tgt Ion:	146	Resp:	214195
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.8	65.3
148	62.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#88

1,4-Dichlorobenzene

Concen: 49.432 ug/l

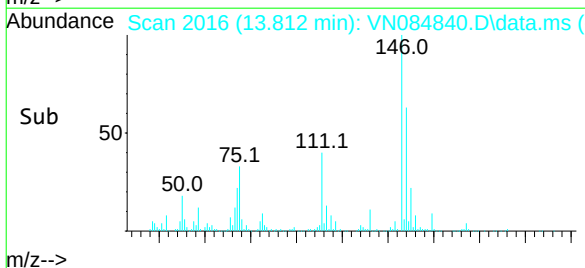
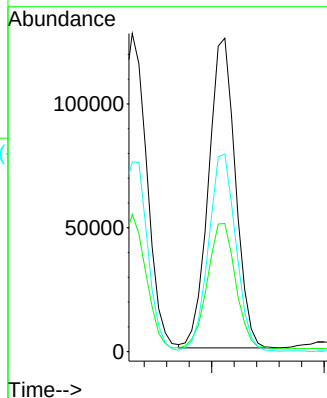
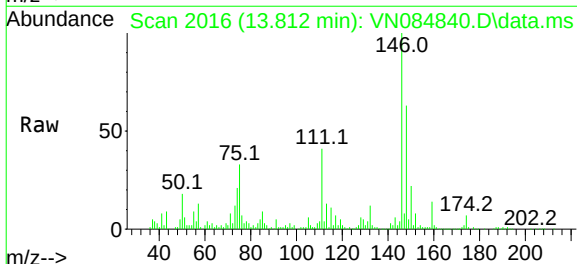
RT: 13.812 min Scan# 2016

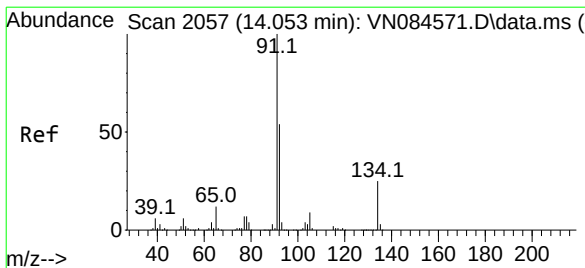
Delta R.T. -0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Tgt Ion:	146	Resp:	208264
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.2	63.6
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 53.094 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

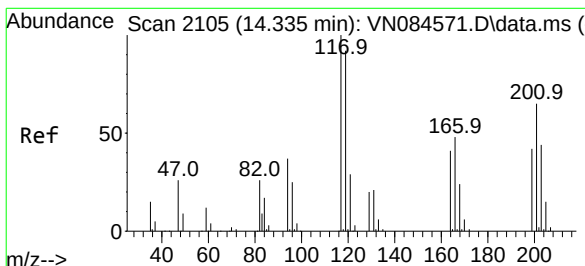
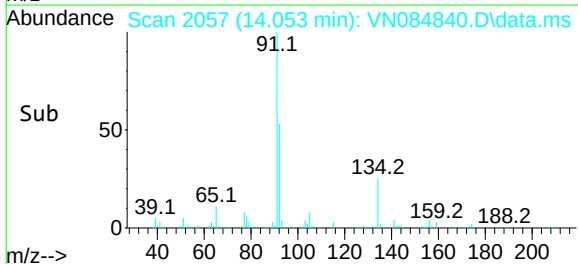
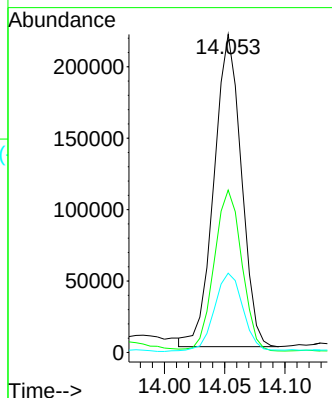
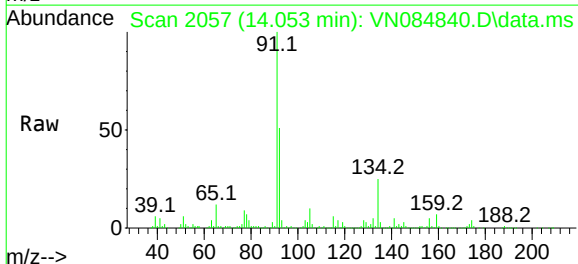
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	345547
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.6	79.7
134	26.5	12.3	36.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#90

Hexachloroethane

Concen: 46.311 ug/l

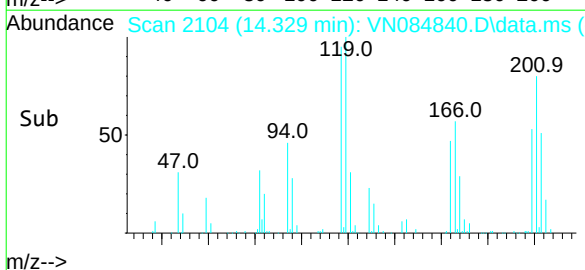
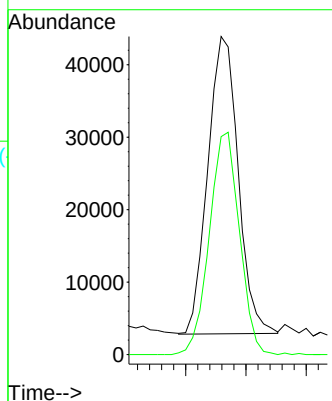
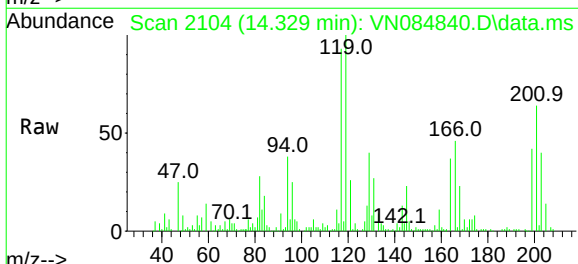
RT: 14.329 min Scan# 2104

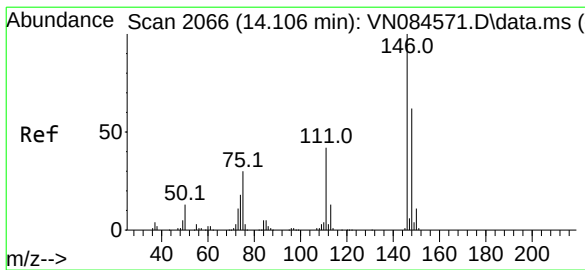
Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Tgt Ion:	117	Resp:	71856
Ion Ratio	Lower	Upper	
117	100		
201	74.0	34.4	103.2





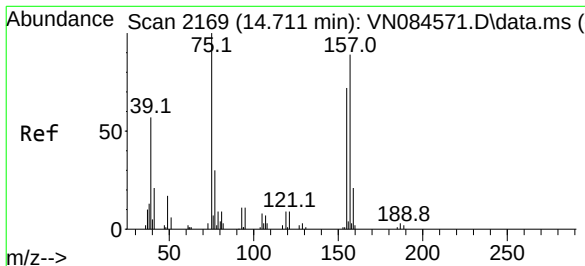
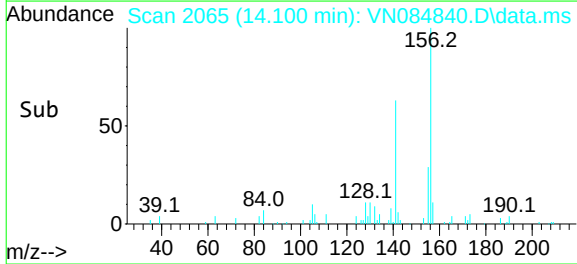
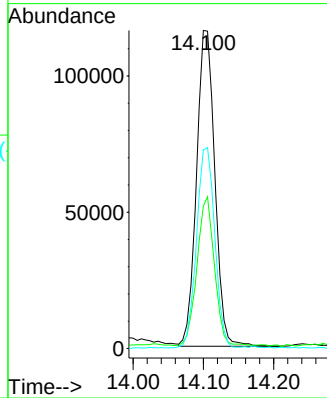
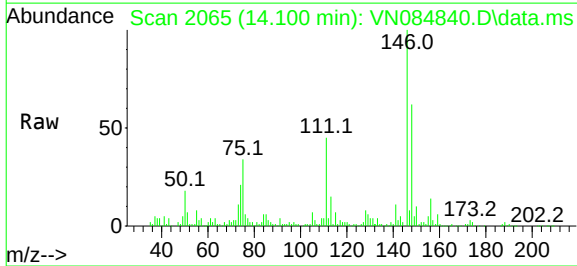
#91
1,2-Dichlorobenzene
Concen: 47.619 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 210190
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 63.1 32.1 96.3

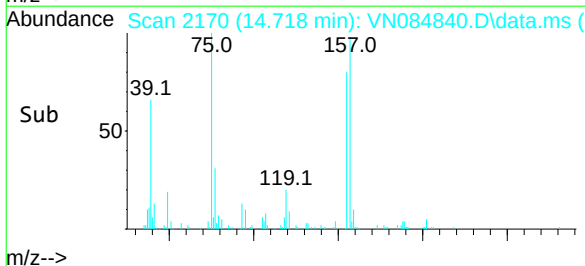
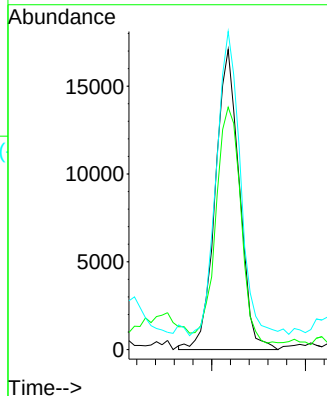
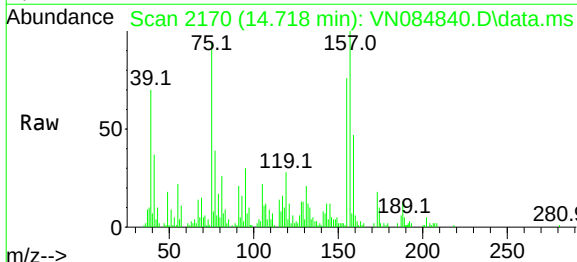
Manual Integrations
APPROVED

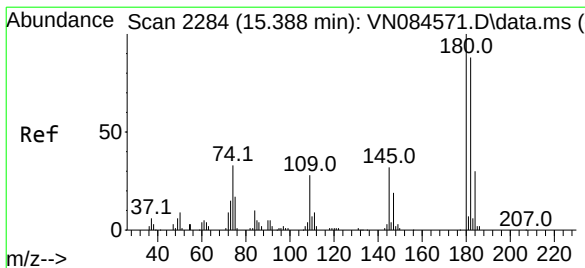
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.454 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084840.D
Acq: 13 Nov 2024 20:47

Tgt Ion: 75 Resp: 30463
Ion Ratio Lower Upper
75 100
155 80.8 38.1 114.5
157 100.8 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 46.975 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 113492

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.0

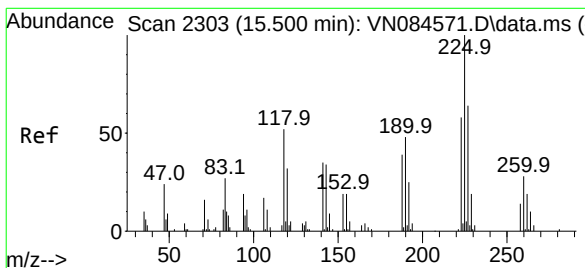
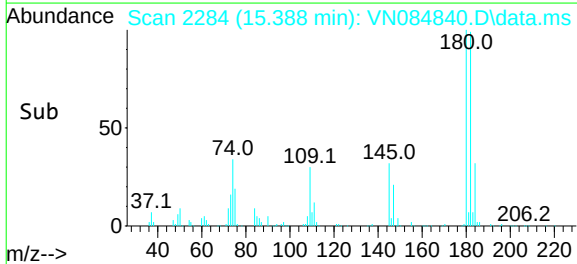
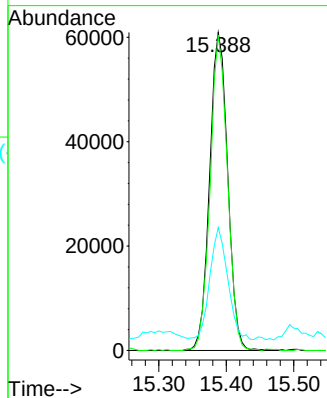
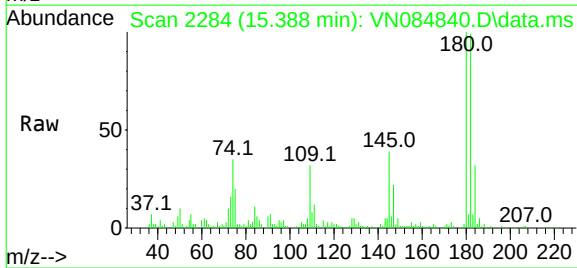
145 35.3 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#94

Hexachlorobutadiene

Concen: 46.709 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

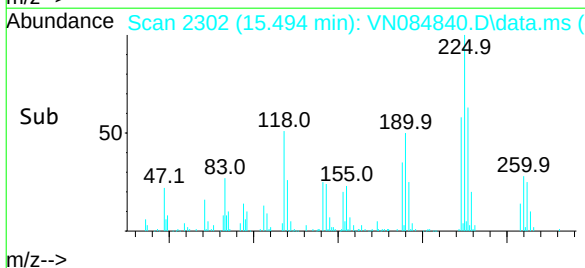
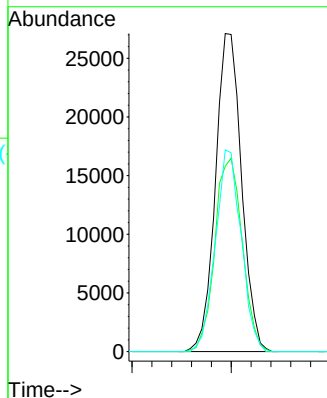
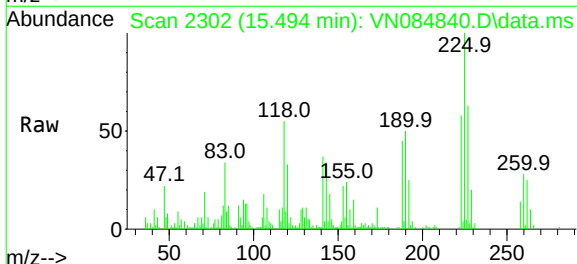
Tgt Ion:225 Resp: 49557

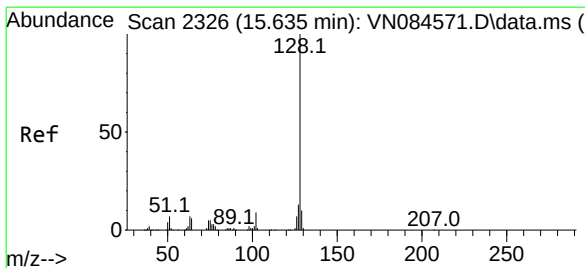
Ion Ratio Lower Upper

225 100

223 63.8 32.4 97.2

227 62.8 32.4 97.0





#95

Naphthalene

Concen: 57.676 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

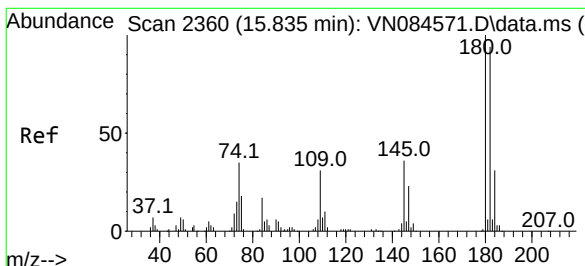
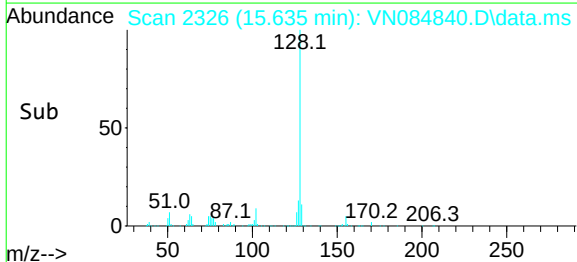
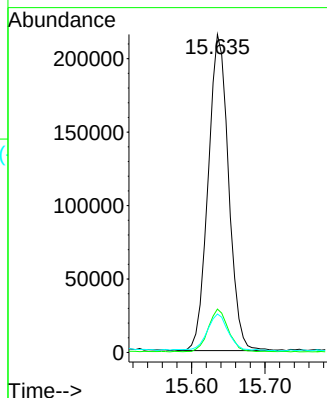
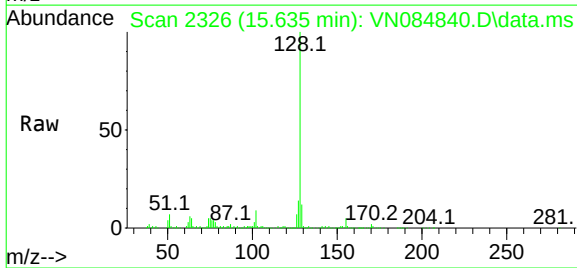
Tgt Ion:128 Resp: 417086
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.5 15.7
 129 12.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.467 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084840.D

Acq: 13 Nov 2024 20:47

Tgt Ion:180 Resp: 111324
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.2 144.6
 145 41.3 17.3 51.9

